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# Annual Report

OF THE

## Medical Officer

AND

## Inspectors of Nuisances

For the Year 1940.

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J. S. PEEBLES,  
M.O.H.

EMRYS T. REES, M.M.

A.R.San.I., M.S.I.A., Certificate R.S.I.  
Certified Inspector of Meat & other Foods.

ALUN WILLIAMS,

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SANITARY INSPECTORS.



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## Penybont Rural District Council.

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### PUBLIC HEALTH COMMITTEE.

County Councillor Mervyn W. Payne (Chairman).

Councillor Jenkin F. John.

Councillor Lieut.-Col. C. T. Edmondes, J.P.

Councillor Hubert E. Taylor, J.P.

Councillor W. J. Truman.

Councillor Mrs. M. J. Evans, J.P.

Councillor L. C. Betty.

Councillor T. J. Baker, J.P.

Councillor David Bayliss.

Councillor Wm. Morgan-Richards.

Councillor Wm. David.

Councillor L. B. Evans.

Councillor David Thomas.

Councillor Philip Squire.

Councillor R. I. Nicholl.

Councillor C. B. Williams.

Councillor Bruce Cameron.

Councillor Daniel Rees.

Councillor Lewis Jones.

Councillor Mrs. K. Thomas

Councillor Fred Williams

Councillor Chas. E. Jones.

Councillor W. H. Pickering.

Councillor W. L. Rees.

## Appendix.

### STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres), 41,212.

Population, Census 1921, 21,710. Population, Census 1931, 29,209.

Registrar General's estimate of Resident Population Mid 1940, 31,100.

Number of inhabited houses (1921), 5,832.

Number of inhabited houses (end of 1940), according to rate books, 7,203.

Rateable value (March 31st, 1941), £107,993.

Sum represented by a penny rate, £374 14s. 3d.

### SOCIAL CONDITIONS.

A very large proportion of the male population is engaged in coal mining, either in your own district or in that of adjoining authorities. The remaining part of the male population is chiefly engaged either in agriculture—a large part of your area being agricultural land—or in railway work. The female population, generally speaking, undertake household duties.

Extracts from Vital Statistics of the year:—

Live Births—	Total.	M.	F.	
Legitimate ...	509 ...	256 ...	253	Birth rate per 1,000 of the
Illegitimate ...	30 ...	12 ...	18	estimated resident popula-
				tion..... 17.3
Still Births .....	29 ...	13 ...	16	Rate per 1,000 (live and
				still) births..... 51.0
Deaths.....	345 ...	197 ...	148	Death Rate per 1,000 of the
				estimated resident popula-
				tion..... 11.0

Deaths from Puerperal Causes—

		Deaths.	Rate per 1,000 Total Live and Still Births.
No. 29. Puerperal Sepsis .....	Nil	...	Nil
No. 30. Other Puerperal Causes ...	Nil	...	Nil
		—	—
Total.....	Nil	...	Nil
		—	—

## Death Rate of Infants under 1 year of age—

All Infants per 1,000 live births	67.2
Legitimate infants per 1,000 legitimate live births	67.3
Illegitimate infants per 1,000 illegitimate live births	66.6
Deaths from Cancer (all ages)	32
Deaths from Measles (all ages)	1
Deaths from Whooping Cough (all ages)	Nil
Deaths from Diarrhoea (under 2 years of age)	Nil

## SECTION B.

## PUBLIC HEALTH OFFICERS OF THE AUTHORITY:

(a) **Medical—**

J. S. PEEBLES, L.R.C.S. (Edin), L.R.C.P. (Edin), L.F.P.G., L.F.S.G., D.P.H. (Edin), Medical Officer of Health. Joint Appointment with Bridgend Urban District Council.

KATHLEEN DAVIES, B.Sc., M.B., B.Ch., D.P.H., M.R.C.S., L.R.C.P., Assistant Medical Officer. Joint Appointment with Bridgend Urban District Council.

R. J. ROWLAND, L.R.C.S., L.R.C.P., L.R.F.P.S. (Glas.), Assistant Medical Officer. Joint Appointment with Bridgend Urban District Council.

(b) **Others—**

EMRYS T. REES, M.M., whole-time Sanitary Inspector, A.R.San.I., M.S.I.A., Certificate R.S.I., Certified Inspector of Meat and Other Foods.

ALUN WILLIAMS, whole-time Sanitary Inspector, A.R.San.I., M.S.I.A., Certificate R.S.I., Certified Inspector of Meat and other Foods.

ALICE E. THOMAS, whole-time Health Visitor. State Registered Nurse; C.M.B.

MARGARET VAUGHAN JONES, whole-time Health Visitor. State Registered Nurse; C.M.B.; H.V. Certificate.

HANNAH DEBORAH THOMAS, whole-time Health Visitor. State Registered Nurse; C.M.B.; H.V. Certificate.

EDNA ANNIE EVANS, part-time Health Visitor (Joint Appointment with Bridgend Urban District Council); State Registered Nurse; C.M.B.; H.V. Certificate.

## (2) (a) LABORATORY FACILITIES.

The Cardiff and County Laboratory at Cardiff undertake, by arrangement, all the examination or analysis of chemical material, water, milk and foodstuffs. The following specimens were examined:—

Vincent's Angina	...	...	1
Diphtheria Swabs	...	...	569
Hæmolytic Streptococci	...	...	61
Meningococci	...	...	23
Blood	...	...	2
Fæces	...	...	1
Swabs Meningococci	...	...	36
Milks—			
Graded	...	...	35
Ungraded	...	...	9
Water—Bacteriologically	...	...	18

## (b) AMBULANCE FACILITIES.

For infectious cases—One motor ambulance is kept at the Fever Hospital.

For non-infectious and accident cases—In connection with the Priory of St. John, a motor ambulance is kept at Kenfig Hill, one at Pencoed, and another at Bridgend. These ambulances are available under certain conditions.

There are no ambulance facilities for Maternity cases.

## (c) PROFESSIONAL NURSING IN THE HOMES.

**General.** District Nurses are employed by:—

- (1) The Laleston Nursing Association.
- (2) The St. Brides Major Nursing Association.
- (3) The Aberkenfig Nursing Association.
- (4) The Kenfig Hill Nursing Association.
- (5) The Pencoed Nursing Association.
- (6) The Cwmfelin Nursing Association.

No Midwifery is undertaken by Numbers 3, 4, 5 and 6

These Associations defray the entire cost.



For Infectious Diseases: Nil.

(d) CLINICS AND TREATMENT CENTRES.

MATERNITY AND CHILD WELFARE CENTRES.

(A) Maternity.

- (1) Tendu: Ebenezer Chapel.

One large waiting-room and a small consultation room.

- (2) Kenfig Hill: In November, 1938, new premises built by the Council. The building is the same as No. 10.

- (3) Heolycyw: Baptist Chapel.

The Chapel is used as a waiting-room and the Vestry as a consulting room.

- (4) Cornelly: Calvinistic Methodist Chapel.

The Vestry is partitioned off, and use is made of one large part as a waiting-room and a smaller part as a consulting room.

- (5) Cefn Cribbwr: Workmen's Hall.

Large waiting-room and smaller consulting room.

- (6) Cwmfelin: Calfaria Chapel.

The Vestry is used as a waiting-room and the Chapel as a consulting room.

- (7) Laleston: The Library.

There is one waiting-room and one consultation room.

- (8) St. Brides Major: Calfaria Chapel Hall. Two rooms.

- (9) Bryncoch: Hallelujah Chapel. One room.

- (10) Pencoed: In August, 1937, new premises, built by the Council, were opened. The building consists of a large waiting-room, weighing-room, consultation room, and kitchen. These premises are well built and exceedingly convenient. Trinity Chapel used since September, 1939.

- (11) Wick: The Village Hall. The large room is used as a waiting-room, and the smaller as a consultation room.

(B) **Child Welfare Centres.**

- (1) Tondur: Same as A (1).
- (2) Kenfig Hill: Same as A (2).
- (3) Heolycyw: Same as A (3).
- (4) Cornelly: Same as A (4).
- (5) Cefn Cribbwr: Same as A (5).
- (6) Cwmfelin: Same as A (6).
- (7) Laleston: Same as A (7).
- (8) St. Brides Major: Same as A (8).
- (9) Coytrahen: Wesley Chapel Vestry. Satisfactory waiting and consulting rooms.
- (10) Bryncoch: Same as A (9).
- (11) Wick: Same as A (11).
- (12) Law Street: Caersalem Chapel, Fforddygyfraith. One large room divided by screens is used as waiting and consulting rooms.
- (13) Coity: Gilead Chapel Vestry. One large room divided by screens is used as waiting and consulting rooms.
- (14) Pencoed: Same as A (10).

The above accommodation for the various Maternity and Child Welfare Centres is provided by your Council.

On November 18th, 1935, your Council passed a resolution that as from January 1st, 1936, the fees paid for the rents of the various buildings used for Maternity and Child Welfare purposes were to be as follows:—

- (a) 6/- for a half-day session.
- (b) 10/- for a full day session.

This arrangement has been accepted by all the authorities in control of the various buildings.

**ARTIFICIAL SUNLIGHT CLINIC.**

This Clinic is held twice weekly at Greenmeadow, Coity Road, Bridgend. During the year 17 cases were treated, and these made 237 attendances.

The diseases treated were:—

Debility, 11; Rickets, 3; Bronchitis, 2; Marasmus, 1.

## HOSPITALS & CONVALESCENT HOMES.

Name.	Situation.	Purpose.	Total No. of Beds.	No. of M.	Beds. F.	Proportion for District	Management.	Staff.	Operative Surgery.	X Ray	Massage Dept.	Dental Dept.	Oph- thalmic Dept.	Pathological Work.
Infirmary.	1a, Quarella Road, Bridgend.	General. Maternity. Children.	271 42 17	206	65 42	Not Defined.	Public Assistance Committee	Medical Officer (full time) non-resident. 2 Resident House Surgeons. Staff of Consultants. Nursing Staff.	Yes.	Yes.	Yes.	Yes.	Yes.	Arrangement with Cardiff Laboratory.
District Hospital.	Merthyr-mawr Road Bridgend.	General. Children. Private Patients.	24 2 4	14 1 2	10 1 2	Not Defined.	Voluntary Committee.	Nursing Staff. Non-resident Medical Men of district attend own cases. Staff of Consultants. Matron, 4 Sisters, 3 Assistant Nurses 3 Probationers.	Yes, two well equipped Theatres	Yes.	Yes, a certified Masseuse on staff.	No.	Yes.	Arrangement with Clinical Research Association, London.
Isolation Hospital.	Cefn Hirgoed $2\frac{1}{4}$ miles from Bridgend.	Infectious Diseases.	58 Beds 20 Cots	29 10	29 10	Not Defined.	Committee of 5 Local Authorities.	Non-resident medical officer. Matron. Two Sisters. Two staff nurses. 4 assistant nurses. 5 Probationers. Consultant for Puerperal cases.	No.	No.	No.	No.	No.	Arrangement with Cardiff Laboratory.
Small Pox Hospital.	Cefn Hirgoed $2\frac{1}{2}$ miles from Bridgend.	Small Pox	8	4	4	Not Defined.	Committee of 8 Local Authorities.	Non-resident medical officer. Caretaker. Nursing staff obtained as required.	No.	No.	No.	No.	No.	Arrangement with Cardiff Laboratory.
Mental Hospital.	About 2 miles from Bridgend.	Mental Patients.	1942	1037	905	44 Patients come from 'Bridgend Area' in 1940	Committee of the County Council.	Medical Superintendent. 6 medical officers. Staff of consultants. Nursing staff.	Yes. Well equipped Theatre.	Yes.	Yes.	Yes.	Yes.	Yes.
Cottage Homes	Merthyr-mawr Road, Bridgend	Children	162	...	...	Not Defined	Public Assistance Committee	Medical Officer non-resident, Superintendent, Matron and Foster Mothers.	No.	No.	No.	No.	No	No
Convalescent Home, Southerndown.	Southern-down	For Convalescents	15	...	15	Not stated	Voluntary Committee	Non-resident Medical Officer, Sister, 2 maids, 1 gardener.	No Special Departments					



Of the 17 cases, 2 were irregular in attendance, one showed no improvement, 10 were considerably improved, and four showed very marked improvement. Of those cases 5 per cent. showed no improvement, 50 per cent. considerable improvement, and 20 per cent. marked improvement.

The amount spent on 'bus fares during 1940 for patients attending the Artificial Sunlight Clinic was £3 ls. 9d.

#### (e) HOSPITALS.

A number of Hospitals are made use of by the inhabitants of the district. Those Hospitals not given in the following list which are mostly used are: (1) The Cardiff Royal Infirmary; (2) The Port Talbot District General Hospital; (3) Maesteg Maternity Home.

Arrangements, I believe, are being made whereby more patients will be able to be treated at the Bridgend Infirmary, and this will do away with the necessity for so many being treated at Cardiff as at present.

#### (3) (1) MIDWIFERY AND MATERNITY SERVICES.

Eleven midwives are practising within the area of your Council. None are employed by your Council, or directly subsidised by your Council, but two are employed by Voluntary Associations.

Maternity cases from the district, by special arrangement, can be sent into the Bridgend Maternity Home, and below are the regulations and scale of charges decided upon by the Council:—

##### (1) Regulations:

- (a) The income to be considered should be the net income after deducting rent;
- (b) Where the income to the home is £2 8s. and under, no charge should be made.
- (c) From all income in excess of £2 8s. a deduction of 4s. should be made for each child, and **twice** the balance remaining should be the amount to be repaid to the Council.
- (d) This payment should be the full and final amount which should be demanded, irrespective of the period for which the patient remains in the Home;
- (e) Persons earning an income of £4 16s. or over, should pay the full fees.

## (2) Scale :

No. of Children.	Net Weekly Income.													
	49s.	50s.	52s.	53s.	54s.	55s.	56s.	57s.	58s.	60s.	61s.	62s.	63s.	
0	...	2s.	4s.	6s.	8s.	10s.	12s.	14s.	16s.	18s.	20s.	22s.	24s.	26s.
1	...					2s.	4s.	6s.	8s.	10s.	12s.	14s.	16s.	18s.
2	...									2s.	4s.	6s.	8s.	10s.
3	...													2s.

## Net Weekly Income.

	64s.	66s.	67s.	68s.	69s.	70s.	72s.	73s.	74s.	75s.	76s.	78s.	79s.
0	... 28s.	30s.	32s.	34s.	36s.	38s.	40s.	42s.	44s.	46s.	48s.	50s.	52s.
1	... 20s.	22s.	24s.	26s.	28s.	30s.	32s.	34s.	36s.	38s.	40s.	42s.	44s.
2	... 12s.	14s.	16s.	18s.	20s.	22s.	24s.	26s.	28s.	30s.	32s.	34s.	36s.
3	... 4s.	6s.	8s.	10s.	12s.	14s.	16s.	18s.	20s.	22s.	24s.	26s.	28s.
4	...			2s.	4s.	6s.	8s.	10s.	12s.	14s.	16s.	18s.	20s.
5	...							2s.	4s.	6s.	8s.	10s.	12s.
6	...											2s.	4s.

## Net Weekly Income.

	80s.	81s.	82s.	84s.	85s.	86s.	87s.	88s.	90s.	91s.	92s.	93s.	94s.	
0	...	54s.	56s.	58s.	60s.	62s.	64s.	66s.	68s.	70s.	72s.	74s.	76s.	78s.
1	...	46s.	48s.	50s.	52s.	54s.	56s.	58s.	60s.	62s.	64s.	66s.	68s.	70s.
2	...	38s.	40s.	42s.	44s.	46s.	48s.	50s.	52s.	54s.	56s.	58s.	60s.	62s.
3	...	30s.	32s.	34s.	36s.	38s.	40s.	42s.	44s.	46s.	48s.	50s.	52s.	54s.
4	...	22s.	24s.	26s.	28s.	30s.	32s.	34s.	36s.	38s.	40s.	42s.	44s.	46s.
5	...	14s.	16s.	18s.	20s.	22s.	24s.	26s.	28s.	30s.	32s.	34s.	36s.	38s.
6	...	6s.	8s.	10s.	12s.	14s.	16s.	18s.	20s.	22s.	24s.	26s.	28s.	30s.
7	...			2s.	4s.	6s.	8s.	10s.	12s.	14s.	16s.	18s.	20s.	22s.
8	...							2s.	4s.	6s.	8s.	10s.	12s.	14s.
9	...											2s.	4s.	6s.

## 96s.: Full Charge.

One hundred and nineteen expectant mothers from your district under the above-mentioned arrangement, were sent into the Maternity Home, and 119 were confined there, at a cost of £521 2s. Od., of which £104 2s. Od. was recoverable from patients.



## MATERNAL DEATHS.

No women lost their lives during, or as a result of, childbirth.

The Maternal Death Rate for the Penybont District is as follows:—1931, 14; 1932, 7.8; 1933, 7.7; 1934, 6.1; 1935, 7.2; 1936, 11.4; 1937, 10.9; 1938, 6.1; 1939, 8.7; 1940, Nil.

For England and Wales the rate is as follows:—1931, 4.11; 1932, 4.06; 1933, 4.23; 1934, 4.41; 1935, 3.93; 1936, 3.81; 1937, 3.23; 1938, 2.97; 1939, 2.82; 1940, 2.16.

From the appropriate table, it will be seen that at the 11 ante-natal centres 410 mothers attended, making 1,701 attendances.

Immediately a maternal death is registered, an investigation into the cause of death takes place. The home conditions are enquired into, especially in regard to the following:—

- (a) Number in family.
- (b) Financial position.
- (c) Housing conditions.
- (d) Occupation of both parents.
- (e) Diseases or illness from which mother has suffered.
- (f) The difficulty or otherwise of previous confinements, and help required at all such confinements.

The midwife in attendance upon the case is interviewed, and the following particulars obtained:—

- (1) Number of visits made by midwife previous to labour commencing.
- (2) Number of times urine was examined, and the results thereof.
- (3) The results of any ante-natal examinations.

The medical practitioner in attendance upon the case is visited, and any particulars given by him in regard to the case are noted.

A form giving in detail an account of each case is sent to the Ministry of Health.

## PUERPERAL PYREXIA.

After a notification of the above disease, a visit is paid to the home and to the medical attendant. In every case the following facilities are offered:—

- (a) The services of a Specialist, whose fee is paid by the Local Authority, except in those cases where the financial position is such that this payment is not required.
- (b) Isolation and treatment at the Isolation Hospital, Cefn Hirgoed.

## POST-NATAL ATTENDANCES.

In addition to those shown in Table 17, many mothers were given post-natal advice at the various Child Welfare Clinics.

## SUPPLY OF FREE MILK.

Up to March 31st T.T. Milk was supplied to necessitous cases (840 gallons). The scale adopted for the supply of free milk is as follows:—

## Scale of Income per head of Family, Deducting Rent.

No. in Family.	For a Supply free of cost.	For a Supply at half cost price.
1 .....	13/-	14/-
2 .....	10/6	11 6
3 .....	8/6	9 6
4 .....	7/6	8 6
6 or more.....	6/6	7 6

The amount spent on free milk during 1940 was £105 2s. 2½d.

## DENTAL TREATMENT.

During the year, by arrangement with the Glamorgan Education Committee, 66 cases received Dental Treatment: of these cases, 49 were children under five years of age, and 17 were expectant or nursing mothers.

Eighteen expectant or nursing mothers were provided with dentures.

The cost of the treatment was as follows:—

- (a) For dental treatment: (1) Mothers, 3s. 6d. per case and one case 1s. (2) Children, 3d. per case.
- (b) For dentures: £1 7s. 6d. for a complete denture, and for partial dentures a lesser cost, determined by the size of the denture.



For the year, the total cost was made up as follows:—Children under five years of age, 12s. 3d.; expectant or nursing mothers, £2 15s. 6d.; dentures, £4 0s. 2d.; total, £7 7s. 11d. Out of this amount £4 6s. 8d. was recoverable from those who could afford to pay. The net cost of all dental treatment to the Council for the year was £3 0s. 3d.

The same scale of income is applied in dental cases as in those for free milk.

## (ii) INSTITUTIONAL PROVISION FOR MOTHERS OR CHILDREN

There is none provided.

## (iii.) HEALTH VISITORS.

Three full-time Health Visitors are employed, and by arrangement with the Bridgend Urban District Council, two-thirds of the time of a fourth Health Visitor is also available.

As soon as possible after each child (whose birth has been notified) has reached the age of fourteen days, the home is visited by one of the Health Visitors. Thereafter, a visit is paid every four weeks until the child has reached the age of three months. From three months onwards to five years of age, the child is visited once every three months.

The above applies, of course, only in cases where, in the opinion of the Health Visitor, the child is making satisfactory progress.

In those cases where the Medical Officer of the appropriate Infant Welfare Centre or Health Visitor thinks that more frequent visits are necessary, this is done. If requested by the Medical Practitioners, more visits are paid in special cases.

## (iv.) CHILD LIFE PROTECTION (under Part I. of the Children Act, 1908, as Amended by the Children and Young Persons Act, 1932)

The Local Authority advertised that in their area the Medical Officer of Health was to be the person to whom notices under Part I. of the Act must be sent. The Health Visitors employed by your Council were appointed Infant Protection Visitors under Part I. of the Children Act.

The Health Visitors make visits to all known cases at regular intervals until the children have reached the age of nine years.

A register of all children coming within the scope of the Act is kept. No prosecutions were found necessary during 1940.

At the commencement of 1940, there were three children on the register, and during the year two were adopted for payment, and at the end of the year there were four on the register, one having been legally adopted, and two additional children were added to the register.

## (v.) ORTHOPÆDIC TREATMENT.

Your Council has now made arrangements for all orthopædic treatment which cannot be carried out at your own Clinics to be undertaken at the Prince of Wales Hospital, Cardiff.

Three new cases were sent for treatment in 1940, and all were out-patients. Nine patients continued treatment commenced in 1939 during 1940, four as in-patients and five as out-patients. The total cost was £180 9s. 1d. (In-patients, £170 11s. 8d.; out-patients, £9 17s. 5d.)

The terms upon which treatment will be undertaken by this Hospital are as follows:—Registration fee, 5s.; plasters, if necessary, 2s. to 15s. each; X-ray, 10s. 6d. Indoor patients, £2 2s. 0d. per week. Instruments, 25s. each. The charge varies according to each case.

## SECTION C.

## 1. SANITARY CIRCUMSTANCES OF THE AREA.

## (1) WATER.

The Mid-Glamorgan Water Board was established in 1920, and took over the various water undertakings and started to function on January 1st, 1921. The mains of the Board are now laid within every Parish of the Penybont Rural District Council, with the exception of Sker.

There are no new sources of supply.

Practically the whole of the Board's expenditure of a capital nature during the past year has been confined to main extensions. At the suggestion of the Ministry of Health, expert advice was sought by the Board in reference to the proposals for treatment of water at all the Board's sources of supply not now treated, and Dr. Suckling, of Queen Victoria Street, London, was engaged to investigate and submit detailed recommendations in this matter. These investigations Dr. Suckling carried out during the past year, and submitted exhaustive reports, which the Board had under consideration when the war broke out. For obvious reasons, consideration of this question has been held in abeyance. It should be pointed out, however, that some of the most important sources of supply are already subject to treatment, including the Schwyll, Dymbath, Nantymoel, and Pwllwy (Cowbridge) Sources.

The erection of the Arsenal at Bridgend and the Aerodrome at St. Athan have caused an abnormal increase in water consumption for trade and domestic purposes from the Board's sources, with the result that the Schwyll and Pwllwy Sources have to be used throughout the year to a far greater extent. These waters have a high degree of permanent hardness, but as they are treated waters, their quality has been satisfactory.

### Summary of Main Extensions carried out in 1940.

Litehard: 112 yards 3-inch main.

Hendre, Peneoed: 384 yards 3-inch main.

### QUALITY OF WATER.

The analysis of the untreated water from uplands sources is generally fairly satisfactory, with the exception of samples taken after heavy storm periods. The following is a typical analysis of the Mid-Glamorgan Water Board's Supply:—

#### Bacteriologically.

Number of organisms developing at 37 deg. c.: 14 per m.l.  
Bacillus Coli present in 50 m.l. Absent in smaller amounts.  
Of moderate bacterial purity.

#### Chemically.

Yellowish green, clear.

Of neutral re-action.

Total hardness, 4.4.

Chlorine: 1.1.

Nitrogen as nitrates, Nil.

Albuminoid ammonia, .0016.

Free ammonia, .0006.

Poisonous metals, Nil.

Sediment, traces only.

Animate forms, rare.

Volume of sediment, .10.

The chemical and microscopical characters show no evidence of any organic contamination.

Eighteen samples of water for bacteriological and chemical examinations were submitted to the County Analyst during the year by the Penybont Council. Forty-five samples were submitted by the Water Board.

There is an ample supply of water for the district.

There has been close co-operation between the Mid-Glamorgan Water Board and the Penybont District Council, and I have had the greatest help from the Manager of the Water Board in regard to all matters connected with the Board's Supply.

The following are the numbers of houses without a proper piped supply in the various parishes:—

Parish.	Number of Houses.
Coychurch Lower .....	14
Pencoed .....	19
Ewenny .....	20
St. Brides Major .....	34
Wick .....	13
Laleston .....	7
Tythegston Lower .....	6
Tythegston Higher .....	13
Pyle .....	6
Merthymawr .....	6
Kenfig .....	10
Llangynwyd Middle .....	27
Llangynwyd Lower .....	17
St. Brides Minor .....	27
Coychurch Higher .....	42
Newcastle Higher .....	9
Coity Higher .....	21
Total .....	291

#### WELLS AND SPRINGS.

The following Wells and Springs are still being used:—

- (1) Heol-lan Spring near Coity (3 houses).
- (2) Cwmrisca Spring near Tondy (1 house).
- (3) Mount Pleasant Spring (still used by householders though main in all houses in vicinity).
- (4) Penyfai Common Spring (not used by householders).
- (5) Ty Grippwr Hill (not used by householders).
- (6) Park Slip Cottages Spring (still used by householders though main in all houses).

*Wells and Springs continued—*

- (7) Gilfach Cottages (Stream), (4 houses).
- (8) Gelli Siriol Cottages Spring (3 houses).
- (9) Greenmeadow Spring (6 houses).
- (10) Fforddygyfraith Well (not used by householders).
- (11) Tyisha Buildings Well (3 houses).
- (12) Wern Fach Well (2 houses).
- (13) Park Field Tycrudd and Drefach Spring (4 houses).
- (14) Maes-y-der Spring (2 houses).
- (15) Buartha Farm Stream (not used by householders).
- (16) Hendre Spring (7 houses).
- (17) Panty Pwlla Spring (7 houses).
- (18) Waunwen Well (1 house).
- (19) Derwen Goppa (4 houses).
- (20) Pant Mari Flanders Well.
- (21) Pant Mari Flanders, 2 Springs.
- (22) King's Hall Well.
- (23) Cae Caradog Farm Well.
- (24) Green Isha, 2 Wells.
- (25) Trepit Well.
- (26) Broughton Court Well.
- (27) Coychurch Village Well.
- (28) Pwllypit Well.
- (29) Corntown Spring.
- (30) Corntown Court Spring.
- (31) Penprysg Spring.
- (32) Trebryn Well.
- (33) Peithcelyn Spring.
- (34) Victoria Road Spring.
- (35) Ffynnon Maen Spring.
- (36) Stormy Brickworks Spring.
- (37) Llangewydd Road Spring.
- (38) Cwmffoes Crossing Spring.
- (39) Llangewydd Farm Well.
- (40) Llangewydd Court Spring.
- (41) Sker Farm Well.
- (42) New Row Spring.
- (43) Waun-y-Mer Well.
- (44) Ploryn Maudlam Spring.
- (45) Maudlam Village Well.

## (2) DRAINAGE AND SEWERAGE.

In certain parts of your district, there are sewerage schemes which are satisfactory. In other parts, owing to the absence of sewers, pail closets or privy middens are used.

## SEWERAGE AND SEWAGE DISPOSAL.

The following works were completed during 1940:—

- (a) Construction of new Sewers from Kenfig Hill to Marlas and the construction of additional sewage disposal works on the Outfall works at Pyle.
- (b) Sewer Extensions to Fforddygyfraith, John Street and the Graig, Cefn Cribbwr.

## 2. RIVERS AND STREAMS.

The chief rivers in the district are the Llynfi and Ogmore.

The Llynfi rises in the Maesteg Valley and flows through the upper part of your district, receiving tributaries from the Gadlys valley, from Cwm-Nant-Gwyn and the Kenfig brook at the junction of the Ogmore and Llynfi rivers below Brynmenyn. This stream receives the coal washings of the pits in the Maesteg Valley, and also the sewage effluent from the Maesteg U.D. Council works, and the effluent from your Council works at Troedyrhiwgarth. At Kenfig Hill, there is a brook at Nant-craig-yr-Aber, which is really the overflow of the Porthcawl Water Works. The Cwm Kenfig brook divides Kenfig Hill and Pyle parishes from the Port Talbot Borough.

The Ewenny River rises at the east-most point of your district, and joins the Ogmore River at Merthyr-mawr. The Ewenny has a tributary which joins it near Castle-upon-Alun. The Ewenny, during its course, receives crude sewage from a few houses, e.g. at Pencoed. The Ogmore River is a continuation of the two main streams in the Ogmore and Garw Urban District. It passes through Tondy and Aberkenfig, and, after flowing some distance, it passes through the town of Bridgend, and again into your district, ultimately discharging into the Bristol Channel. This stream receives the coal washings of several collieries, and the sewage effluent of the Ogmore and Garw Urban District Council, and that portion of Gilfach Goch termed Evanstown.



## 3. (i) CLOSET ACCOMMODATION.

Particulars of conversions from conservancy system to water carriage systems, which are now discharging into the Council's sewers:—

Year	Pail Closets to Water Closets	Privies to Water Closets	Water Closets from Cesspools or places other- wise than a Proper Sewer
1925	108	69	7
1926	151	63	37
1927	29	12	6
1928	13	1	1
1929	1	Nil	11
1930	39	14	21
1931	9	7	4
1932	3	3	2
1933	Nil	2	1
1934	3	Nil	26
1935	5	Nil	1
1936	7	1	Nil
1937	4	Nil	Nil
1938	1	Nil	Nil
1939	6	5	Nil
1940	6	5	Nil
Total.....	385	182	117

At the end of the year 1940 the number of closets were as follows:—

Water closets to sewer .....	5,430
Water closets to cesspools .....	671
Pail or earth closets to privies .....	1,489

These figures do not include the two Mental Hospitals, or the Smallpox Hospital, which are situated within the district. The Isolation Hospital is now connected to the Public Sewer.

Seventy-six houses were erected during the year, and all discharge into sewers. Fifty-eight were erected by the Council, and 18 by private enterprise.

## PUBLIC CLEANSING.

The Council has organised the collection of House and Trade Refuse throughout the district twice weekly, and also the collection of Salvage at least once weekly by means of their own vehicles.

The cleansing of all Cesspools throughout the district has also been undertaken by the Council. A new 750-gallon Cesspool Emptying Machine was purchased for this purpose.

## (iii) SANITARY INSPECTION OF THE AREA.

See Sanitary Inspectors' Reports.

## (iv) SHOPS.

It was not found necessary during the year to take any action under the provisions of the Shops Act, 1934, relating to ventilation, and the temperature of shops. In two cases the flushing apparatus were found defective and made satisfactory.

## (v) CAMPING SITES.

- (1) The number of sites in the area which were used for camping purposes during 1940 was 8.
- (2) The number of camping sites in respect of which licences have been issued by the Local Authority, under Section 269 of the Public Health Act, 1936, is Nil.
- (3) The estimated maximum number of campers resident in the area at one time during the summer season, 1940, was 970.

## (vi) SMOKE ABATEMENT.

There was no action taken during the year with a view to the abatement of nuisance from smoke in the area.

## (vii) SWIMMING BATHS AND POOLS.

There are no Swimming Baths or Pools in your district, but the provision of such would be of great advantage to the inhabitants.

## (viii) ERADICATION OF BED BUGS.

- (1) 1. (a) The number of Council houses found to be infested was two.
- (b) The number of other houses found to be infested was three.
2. (a) The number of Council houses disinfested was two.
- (b) The number of other houses disinfested was three.
- (2) The methods employed for freeing infested houses are as follows:
  - (a) In Council houses, skirting boards, picture rails and architraves are removed; a blow lamp is used to destroy vermin and their eggs. The rooms are then sprayed with an insecticide and fumigated (zaldicide).
  - (b) In other than Council houses, the same treatment is carried out where necessary, or disinfectants are supplied.

The above methods of eradication seem to have been quite satisfactory.



- (3) The houses of all applicants for Council Houses are inspected by the Sanitary Inspectors.
- (4) The work of disinfestation is carried out by the Local Authority.
- (5) Householders are advised to maintain a good standard of cleanliness and all premises are frequently visited.

## SECTION D.

### HOUSING.

See Sanitary Inspectors' Reports.

## SECTION E.

### INSPECTION AND SUPERVISION OF FOOD.

#### (a) **Milk Supply.**

During the year, 44 samples of milk were taken, 35 of these being from graded supplies, and of these 4 were unsatisfactory. Steps were taken to deal with all unsatisfactory cases and the cowsheds and dairies were inspected and advice given. Further samples were always taken following upon unsatisfactory reports. The use of pasteurised milk seems to be growing in the district.

Six samples of milk were especially examined for the presence of tubercle bacilli, and no bacilli were discovered.

#### (b) **Meat and Other Foods.**

Regular inspection of all slaughter-houses, shops, stalls and vehicles is carried out.

### Carcases Inspected and Condemned.

	Cattle exclud- ing Cows.	Cows.	Calves	Sheep and Lambs	Pigs
Number Killed (if known) ...	157	58	102	831	555
Number Inspected ...	142	46	80	682	430
<b>All Diseases except Tuberculosis</b>					
Whole Carcases condemned ...	—	—	—	—	—
Carcases of which some part or organ was condemned ...	15	9	—	22	3
Percentage of the number inspected affected with disease other than tuberculosis ...	10·5	19·5	—	3·2	0·6
<b>Tuberculosis only</b>					
Whole Carcases condemned ...	2	3	—	—	—
Carcases of which some part or organ was condemned ..	10	8	—	—	11
Percentage of the number inspected affected with tuberculosis ...	8·3	23·9	—	—	2·5

#### (c) Adulteration, etc.

For the following report I am indebted to Superintendent W. C. May:—

The following samples were taken in your Council's area during the year 1940:—

New Milk .....	17
Sausage .....	1
Boiled Beef .....	1
Cake .....	1
Total .....	20

No proceedings. All samples genuine.

# PARTICULARS OF SCHOOLS 1940

School.	Accommo- dation.	No. on Register.	Water Supply.	Heating.	CLOAKROOMS AND WASHING FACILITIES.	Closet Accommo- dation and Drainage	Remarks
Cefn Cribwr— Mixed & Infants.	340 mixed 186 infants	195 mixed 125 infants	Main	Open Fires	sufficient hooks for clothes, no hot water to wash hand basins	w.c's and drains to cesspool	Old Schools
Cornelly— Mixed & Infants.	259	161	Main	Open Fires	sufficient hooks for clothes, no hot water to wash hand basins	w.c's and drains to cesspool	Satisfactory but for Drainage.
Pyle— Mixed & Infants.	352	262	Main	Central Heating	sufficient hooks for clothes, central heating	w.c's and drains to sewer	Satisfactory
Kenfig Hill— Senior mixed.	440	290	Main	Stove Fires	sufficient hooks for clothes, no heating, no hot water to wash hand basins.	w.c's and drains to sewer	Temporary Building occupied for 25 years.
Kenfig Hill— Junior Mixed.	380	249	Main	Open Fires	sufficient hooks for clothes, no heating, no hot water.	w.c's and drains to sewer	Satisfactory
Bryndu, Kenfig Hill— Senior Mixed.	234	92	Main	Open Fires and Stoves	no heating, no hot water to wash hand basins.	w.c's and drains to sewer	Fairly Satisfactory
Bryndu, Kenfig Hill— Infants.	123	45	Main	Open Fires	sufficient hooks for clothes, no heating, no hot water.	w.c's and drains to sewer	Old School fairly satisfactory
Coychurch— Junior Mixed	80	43	Main	Open Fires	sufficient hooks for clothes, no heating, no hot water.	pan closets, urinal leads to cesspool, surface water & water from wash hand basins empty into pool across the road	structurally sound
Wick— Mixed & Infants.	80	54	Main	Open Fires	sufficient hooks for clothes, no heating.	w.c's and drains to cesspools	Old type of School
St. Brides Major— Mixed & Infants.	139	46	Main	Open Fires	Sufficient hooks for clothes, no heating, no hot water to wash hand basins.	closets and drain- age to ervices in rocks	Old type of School
Laleston— Mixed & Infants.	150	78	Main	Central Heating	sufficient hooks, heating in cloak- rooms, no hot water to wash hand basins.	pan closets, urinal and drains to cesspools	Satisfactory
Pencoed— Senior Mixed.	480	292	Main	Central Heating	sufficient hooks for clothes, cen- tral heating, no hot water to wash hand basins	w.c's and drains to sewer	New School, Dining Hall provided for mid-day meals, seating accommodation for 120 pupils
Pencoed— Junior Mixed.	264	216	Main	Central Heating	no hot water, sufficient hooks for clothes in girls' and boys' cloakrooms. There are only four wash hand basins, for 116 boys' and five wash hand basins for 122 girls.	w.c's, urinal and drains to sewer	structurally sound
Pencoed— Infants.	180	132	Main	Central Heating	sufficient hooks for clothes, no heating, no hot water.	w.c's and drains to sewer	Satisfactory
Ewenny— Junior Mixed & Infants.	57	30	Main	Open Fire and Stove	sufficient hooks for clothes, no heating, no hot water.	w.c's and drains to cesspool	Old School satisfactory
Bryntirion, Laleston— Boys' Private School.	58 boarders 22 day boys	49 boarders 14 day boys	Main	Central Heating	satisfactory.	w.c's and drains to cesspools	Satisfactory
Cwmfelin— Mixed.	305	197	Main	Central Heating	sufficient hooks for clothes, cen- tral heating, no hot water to wash hand basins	w.c's and drains to sewer	Structurally satisfactory
Pontheadycyff— Mixed.	264	202	Main	Central Heating	sufficient hooks for clothes, cen- tral heating, no hot water to wash hand basins	w.c's and drains to sewer	Structurally satisfactory
Brynoethin— Mixed.	426	280	Main	Central Heating	sufficient hooks for clothes, cen- tral heating, no hot water to wash hand basins	w.c's and drains to sewer	Structurally satisfactory
Tondu— Boys & Girls	336 boys 308 girls	240 boys 223 Girls	Main	Central Heating	sufficient hooks for clothes, cen- tral heating un- satisfactory as cloakrooms are too large for dry- ing, no hot water to wash hand basins.	w.c's and drains to sewer	Structurally satisfactory
Pandy— Infants.	196	143	Main	Central Heating	sufficient hooks for clothes, cen- tral heating, no hot water to wash hand basins	w.c's and drains to sewer	Structurally satisfactory
Heolgyw— Mixed.	254	200	Main	Central Heating	sufficient hooks for clothes, cen- tral heating, no hot water to wash hand basins	w.c's and drains to sewer	Structurally satisfactory
Tondu— Infants.	144	120	Main	Open Fires	sufficient hooks for clothes, no heating, no hot water to wash hand basins.	w.c's and drains to sewer	Structurally satisfactory
Brynmeyrn— Mixed.	264	144	Main	Central Heating	sufficient hooks for clothes, cen- tral heating, no hot water to wash hand basins.	w.c's and drains to sewer	Structurally satisfactory
St. Robert's (Roman Catholic) School, Aberken- fig Mixed.	200	136	Main	Central Heating	sufficient hooks for clothes, cen- tral heating, no hot water to wash hand basins.	w.c's and drains to sewer	Structurally satisfactory
Penyfael— Mixed.	104	28	Main	Open Fires, doubtful if satisfactory in cold weather	sufficient hooks for clothes, no heating, no hot water to wash hand basins.	w.c's and drains to sewer	Satisfactory.
Coity— Mixed.	160	99	Main	Open Fires unsatisfac- tory in cold weather	number of hooks is fairly satisfac- tory, closed stoves in each cloakroom satis- factory, no hot water to wash hand basins.	w.c's to a large cesspit, fairly satisfactory	Structurally satisfactory



(d) **Chemical and Bacteriological Examination of Food.**

All this work is done at the Cardiff and County Laboratory, samples of graded and ordinary milks being examined monthly.

(e) **Nutrition.**

Advice is given at the various Infant Welfare and Ante-Natal Centres in regard to the nutritive value of foodstuffs. Small leaflets and books are kept at these centres and distributed to the mothers who attend.

**SECTION F.**

**PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND  
OTHER DISEASES.**

The number of cases of infectious disease notified during 1940 was an increase over that of 1939; this was due to the fact that Measles and Whooping Cough again became notifiable in October, 1939.

The actual number of each disease can be seen from the appropriate table.

Scarlet Fever shows a slight increase. The disease was of a mild type. Of the 37 cases notified, 21 were removed to Hospital because of no suitable accommodation in the home, and in a few instances because the mother was pregnant. Very few complications developed amongst these cases of Scarlet Fever. The average length of stay in hospital was under four weeks. One death occurred.

Diphtheria showed a very slight decrease over 1939. The majority of the cases, for the first time in many years, were of a comparatively mild type. No deaths occurred from this disease. All the cases were treated in hospital. Diphtheria immunisation is carried out at the Penybont Council Offices, Bridgend, and clinics were held twice weekly. During 1940, 160 children were immunised, of which 71 were school-children, and 89 pre-school children. Seventeen children started the treatment and did not have the second or third injections. Either Alum Precipitated Toxin (B. W. & Co. A.P.T.) or, in children over 12 years,

Toxoid Anti Toxin Floceules (B.W. & Co. T.A.F.) was used. The Probationer Nurses at the Isolation Hospital are also immunised against diphtheria. 'Bus fares amounting to £2 7s. 3d. were paid in connection with diphtheria immunisation.

No Measles serum for prophylaxis was used in the district.

All cases of measles and whooping cough are visited by the Health Visitors. Four cases of Measles were admitted into Hospital.

All the cases of malaria notified were induced cases.

Where any cases of scarlet fever are treated at home, the Sanitary Inspectors visit as frequently as they think necessary.

There is no provision made at present for the typing of pneumococci. All cases of pneumonia are not notified.

Head teachers are advised of all cases notified amongst school children and those living in the same house.

#### NOTIFICATION RATES PER ONE THOUSAND POPULATION.

	England and Wales.		Penybont.	
	1940		1940	
Diphtheria .....	1.16	.....	0.90	
Scarlet Fever .....	1.63	.....	1.18	
Erysipelas .....	0.33	.....	0.38	
Pneumonia .....	1.20	.....	0.67	
Enteric Fever .....	0.07	.....	Nil	
Cerebro Spinal Fever ...	0.32	.....	0.61	
Whooping Cough .....	1.34	.....	0.22	
Measles .....	10.24	.....	1.89	

#### DEATH RATES PER ONE THOUSAND POPULATION.

	England and Wales.		Penybont.	
	1940		1940	
Diphtheria .....	0.06	.....	0.00	
Scarlet Fever .....	0.00	.....	0.03	

4

#### (a) PREVENTION OF BLINDNESS.

As will be seen from the appropriate Table, there were 3 cases of Ophthalmia Neonatorum notified.

Cases.			Vision Unim- paired.	Vision impaired	Total Blindness	Deaths.
Notified.	Treated.					
	At home.	In Hospital.				
3	3	nil	3	nil	nil	nil



## (b) TUBERCULOSIS.

No action was taken under the Public Health (Prevention of Tuberculosis) Regulations, 1925, or under Section 172 of the Public Health Act, 1936.

5

## TUBERCULOSIS.

## New Cases and Mortality During 1940.

Particulars of new cases of Tuberculosis and of deaths from the disease in the area during 1940.

Age Periods.	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary		Pulmonary.		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0—	...	...	...	...	...	...	...	...
1—	...	...	2	1	...	...	...	1
5—	1	1	3	7	...	...	...	...
15—	3	3	2	1	1	3	...	1
25—	2	2	...	1	4	3	...	...
35—	4	2	...	...	2	1	...	...
45—	2	1	...	...	...	2	...	...
55—	1	...	...	...	2	...	...	...
65 and upwards	...	...	...	...	1	1	...	...
Totals ...	13	9	7	10	10	10	...	2

With the exception of one case, all cases of Tuberculosis were notified.

Notifiable Diseases (other than Tuberculosis)  
During the year 1940.

DISEASE.	CASES NOTIFIED.													Cases admitted to hospital	Total Deaths
	under 1 year	1-2	2-3	3-4	4-5	5-10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 & over	Total Cases		
Smallpox ...													37	21	1
Scarlet Fever ...		1	3	2		17	11	2			1		28	28	
Diphtheria ...			1	1	1	13	10		2						
Enteric Fever ...									2				2	2	
Puerperal Pyrexia ...									2				2		
Pneumonia ...	2	2	1			1			2	2	7	4	21		22
Encephalitis Lethargica ...															
Ophthalmia Neonatorum...	3												3		
Erysipelas ...									3	2	7		12	3	
Malaria ...											2		2		
Dysentery ...															
Poliomyelitis ...															
Cerebro Spinal Meningitis		2	3				1	4	4		5		19	19	3
Measles ...	1	9	7	5	3	19	6	4	5				59	4	1
Whooping Cough ...	1	1	2		1	2							7		

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















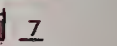
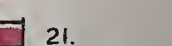
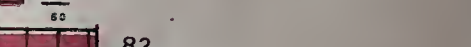







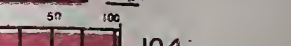
## CANCER.

Organ affected	15—25 years.		25—45 years.		45—65 years.		65 up- wards.		Totals.	
	M	F	M	F	M	F	M	F	M	F
Stomach ...					1	1	1	3	2	4
Genital Organs ...				2		2	1	1	1	5
Breast ..				1						1
Bowel ..					2	5	2	1	4	6
Pancreas ...							1		1	
Bone ...						1			1	
Larynx ...					1				1	
Gall Bladder ...								1		1
Liver ...					1			1	1	1
Lung ...							1		1	
Mouth ...					1		1		2	
TOTALS ...				3	6	9	7	7	13	19



































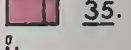

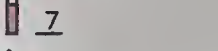

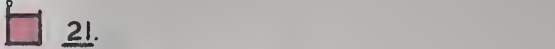



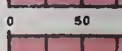

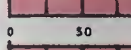

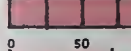







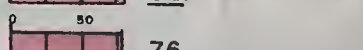



# SCARLET FEVER.









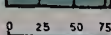

















































YEAR	POPULN	CASES NOTIFIED.	No. OF DEATHS
1940	31,100	 37.	1.
1939	30,721	 33.	0.
1938	27,660	 68.	0.
1937	27,640	 28.	0.
1936	28,150	 40.	0.
1935	29,010	 34.	0.
1934	29,100	 14.	0.
1933	29,240	 15.	0.
1932	29,260	 15.	0.
1931	29,330	 12.	0.
1930	31,130	 33.	0.
1929	31,130	 36.	1.
1928	32,140	 36.	1.
1927	32,700	 21.	1.
1926	30,870	 28.	0.
1925	30,530	 35.	1.
1924	29,510	 7.	0.
1923	29,510	 21.	0.
1922	28,920	 82.	0.
1921	28,140	 146.	3.
1920	25,000	 371.	2.
1919	22,700	 70.	1.
1918	21,809	 70.	2.
1917	24,410	 80.	0.
1916	24,330	 76.	1.
1915	24,228	 104.	1.
1914	24,668	 131.	0.
1913	23,726	 56.	0.
1912	23,247	 243.	3.



# SCARLET FEVER.

YEAR	POPULN.	CASES NOTIFIED.	NO. OF DEATHS
1938	27,660	 <u>68.</u>	 0.
1937	27,640	 <u>28.</u>	 0
1936	28,150	 <u>40.</u>	 0.
1935	29,010	 <u>34.</u>	 0.
1934	29,100	 <u>14.</u>	 0
1933	29,240	 <u>15.</u>	 0
1932	29,260	 <u>15.</u>	 0
1931	29,330	 <u>12.</u>	 0
1930	31,130	 <u>33.</u>	 0
1929	31,130	 <u>36.</u>	 1.
1928	32,140	 <u>36.</u>	 1.
1927	32,700	 <u>21.</u>	 1
1926	30,870	 <u>28.</u>	 0
1925	30,530	 <u>35.</u>	 1.
1924	29,510	 <u>7</u>	 0
1923	29,510	 <u>21.</u>	 0
1922	28,920	 <u>82.</u>	 0.
1921	28,140	 <u>146.</u>	 3.
1920	25,000	 <u>371</u>	 2.
1919	22,700	 <u>70.</u>	 1.
1918	21,800	 <u>70.</u>	 2
1917	24,410	 <u>80.</u>	 0.
1916	24,330	 <u>76.</u>	 1.
1915	24,228	 <u>104</u>	 1.
1914	24,665	 <u>131.</u>	 0.
1913	23,726	 <u>56.</u>	 0
1912	23,247	 <u>243</u>	 3.

# DIPHTHERIA.

YEAR	POPULN.	CASES NOTIFIED.	NO. OF DEATHS.
1940	31,100	 28.	 0.
1939	30,721	 30.	 0.
1938	27,660	 28.	 1.
1937	27,640	 76.	 4.
1936	28,150	 76.	 2.
1935	29,010	 14.	 3.
1934	29,100	 10.	 3.
1933	29,240	 30.	 4.
1932	29,260	 36.	 4.
1931	29,330	 16.	 2.
1930	31,130	 20.	 1.
1929	31,130	 9.	 2.
1928	32,140	 14.	 3.
1927	32,700	 33.	 4.
1926	30,870	 25.	 2.
1925	30,530	 24.	 2.
1924	29,510	 21.	 5.
1923	29,510	 23.	 2.
1922	28,920	 28.	 1.
1921	28,140	 35.	 5.
1920	25,000	 41.	 8.
1919	22,700	 19.	 1.
1918	21,809	 41.	 7.
1917	24,410	 26.	 3.
1916	24,330	 47.	 4.
1915	24,228	 36.	 3.
1914	24,668	 62.	 4.
1913	23,726	 32.	 7.
1912	23,247	 13.	 2.



# DIPHTHERIA.

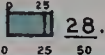



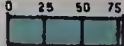











































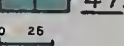





YEAR	POPULN.	CASES NOTIFIED.	NO. OF DEATHS.
1938	27,660	 <u>28.</u>	 <u>1.</u>
1937	27,640	 <u>76.</u>	 <u>4.</u>
1936	28,150	 <u>76.</u>	 <u>2.</u>
1935	29,010	 <u>14.</u>	 <u>3.</u>
1934	29,100	 <u>10.</u>	 <u>3.</u>
1933	29,240	 <u>30.</u>	 <u>4.</u>
1932	29,260	 <u>36.</u>	 <u>4.</u>
1931	29,330	 <u>16.</u>	 <u>2.</u>
1930	31,130	 <u>20.</u>	 <u>1.</u>
1929	31,130	 <u>9.</u>	 <u>2.</u>
1928	32,140	 <u>14.</u>	 <u>3.</u>
1927	32,700	 <u>33.</u>	 <u>4.</u>
1926	30,870	 <u>25.</u>	 <u>2.</u>
1925	30,530	 <u>24.</u>	 <u>2.</u>
1924	29,510	 <u>21.</u>	 <u>5.</u>
1923	29,510	 <u>23.</u>	 <u>2.</u>
1922	28,920	 <u>28.</u>	 <u>1.</u>
1921	28,140	 <u>35.</u>	 <u>5.</u>
1920	25,000	 <u>41.</u>	 <u>8.</u>
1919	22,700	 <u>19.</u>	 <u>1.</u>
1918	21,809	 <u>41.</u>	 <u>7.</u>
1917	24,410	 <u>26.</u>	 <u>3.</u>
1916	24,330	 <u>47.</u>	 <u>4.</u>
1915	24,228	 <u>36.</u>	 <u>3.</u>
1914	24,668	 <u>62.</u>	 <u>4.</u>
1913	23,726	 <u>32.</u>	 <u>7.</u>
1912	23,247	 <u>13.</u>	 <u>2.</u>





TABLE 1.

## PENYBONT RURAL DISTRICT COUNCIL.

Deaths Registered during 1940, classified by Age and Cause.

Causes of Death.	Nett Deaths at the subjoined ages of "Residents," whether occurring within or without the district.										Total Deaths whether Resident or Non-resi- dent in institutions in the district.	Inquest Cases.
	All ages	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upw'ds.			
All Causes. Certified ... ..	344	36	4	4	4	14	46	99	137	238	35	
Uncertified ... ..	1	1	...	...	...	...	...	...	...	...	...	
Typhoid & Paratyphoid Fevers ... ..	...	...	...	...	...	...	...	...	...	...	...	
Cerebro-Spinal Fever ... ..	3	...	...	1	...	...	...	2	...	5	...	
Scarlet Fever ... ..	1	...	1	...	...	...	...	...	...	1	...	
Whooping Cough ... ..	...	...	...	...	...	...	...	...	...	...	...	
Diphtheria ... ..	...	...	...	...	...	...	...	...	...	1	...	
Tuberculosis of Respiratory System ... ..	20	...	...	...	...	4	10	4	2	15	...	
Other Tuberculous Diseases ... ..	2	...	1	...	...	1	...	...	...	...	...	
Syphilitic Disease ... ..	1	...	...	...	...	...	1	...	...	16	...	
Influenza ... ..	4	...	...	...	...	1	1	1	1	6	...	
Measles ... ..	1	1	...	...	...	...	...	...	...	...	...	
Acute Poliomyelitis and Polioencephalitis ... ..	...	...	...	...	...	...	...	...	...	...	...	
Acute Infectious Encephalitis ... ..	...	...	...	...	...	...	...	...	...	1	...	
Cancer of Buccalcavity and Oesophagus (Males only) ... ..	2	...	...	...	...	...	...	1	1	...	...	
Cancer of Uterus ... ..	3	...	...	...	...	...	1	1	1	...	...	
Cancer of Stomach and Duodenum ... ..	6	...	...	...	...	...	...	2	4	1	...	
Cancer of Breast ... ..	1	...	...	...	...	...	1	...	...	...	...	
Cancer of all other sites ... ..	20	...	...	...	...	...	1	11	8	1	...	
Diabetes ... ..	3	...	...	...	1	...	...	1	1	2	...	
Intra-Cranial Vascular Lesions ... ..	11	...	1	...	...	...	...	5	5	11	...	
Heart Disease ... ..	73	...	...	...	...	2	10	21	40	54	3	
Other Circulatory Diseases ... ..	24	...	...	...	...	...	...	8	16	19	1	
Bronchitis ... ..	24	3	...	...	...	...	5	5	11	16	1	
Pneumonia ... ..	22	7	...	1	...	...	3	4	7	23	1	
Other Respiratory Diseases ... ..	7	...	...	...	...	1	...	4	2	1	1	
Ulceration of Stomach and Duodenum ... ..	3	...	...	...	...	...	...	2	1	...	1	
Diarrhoea, etc. (under 2 years) ... ..	...	...	...	...	...	...	...	...	...	...	...	
Appendicitis ... ..	1	...	...	1	...	...	...	...	...	...	...	
Other Digestive Diseases ... ..	16	3	...	...	1	1	2	8	1	4	1	
Nephritis ... ..	11	...	...	...	1	...	1	7	2	9	...	
Puerperal and Postabortive Sepsis ... ..	...	...	...	...	...	...	...	...	...	...	...	
Other Maternal Causes ... ..	...	...	...	...	...	...	...	...	...	...	...	
Premature Birth ... ..	9	9	...	...	...	...	...	...	...	...	...	
Congenital Malformations, Birth Injury, Infantile Disease ... ..	12	12	...	...	...	...	...	...	...	...	...	
Suicide ... ..	1	...	...	...	...	...	...	1	...	...	1	
Road Traffic Accidents ... ..	5	...	...	...	1	...	2	1	1	...	5	
Other Violence Causes ... ..	21	2	1	...	...	2	5	4	7	5	20	
All Other Causes ... ..	38	...	...	1	...	2	3	6	26	47	...	

TABLE 2.—DEATHS IN THE VARIOUS MONTHS, 1940.

			Male.	Female.
January	...	...	22	16
February	...	...	31	23
March	...	...	27	13
April	...	...	17	15
May	...	...	12	9
June	..	...	10	11
July	...	...	8	12
August	...	...	21	9
September	...	...	11	7
October	...	...	13	6
November	...	...	12	13
December	...	...	13	13
Totals	...	...	197	148

TABLE 3.

DEATHS 1940 (OUTWARD TRANSFERABLE DEATHS EXCLUDED,  
INWARD TRANSFERABLE DEATHS INCLUDED)  
REGISTERED IN THE VARIOUS MONTHS.

	Bridgend.	Ogmore.	Maesteg.	Cowbridge.
January .....	22	9	1	6
February .....	31	9	7	7
March .....	27	2	6	5
April .....	22	3	1	6
May .....	10	2	3	6
June .....	10	4	2	5
July .....	12	3	1	4
August .....	15	6	4	5
September .....	11	2	2	3
October .....	13	3	1	2
November .....	15	4	2	4
December .....	15	6	2	4
Totals .....	203	53	32	57
		345		

TABLE 4.

DEATHS 1940 (OUTWARD TRANSFERABLE DEATHS INCLUDED)  
REGISTERED IN THE VARIOUS MONTHS.

	Bridgend.	Ogmore.	Maesteg.	Cowbridge.
January .....	40	8	1	5
February .....	44	8	5	6
March .....	52	3	2	5
April .....	26	3	1	3
May .....	21	Nil	2	3
June .....	22	4	2	2
July .....	26	3	1	2
August .....	34	5	4	4
September .....	32	2	1	2
October .....	24	3	1	2
November .....	35	4	1	1
December .....	32	6	1	1
Totals .....	388	49	22	36
		495		

CAUSES OF DEATH		Under 1 week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 4 weeks	1-3 months	3-6 months	6-9 months	9-12 months	Total 1yrs under One Year.
All Causes	Certified	11	...	...	2	13	11	3	3	6	36
	Uncertified	1	...	...	...	1	...	...	...	...	1
Cancer	...	...	...	...	...	...	...	...	...	...	...
Small Pox	...	...	...	...	...	...	...	...	...	...	...
Chicken Pox	...	...	...	...	...	...	...	...	...	1	1
Measles	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...
Whooping-cough	...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	...	...
Abdominal Tuberculosis	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	...
Meningitis (not Tuberculous)	...	...	...	...	...	...	1	...	...	...	1
Convulsions	...	...	...	...	...	...	...	...	...	...	...
Laryngitis	...	...	...	...	...	...	1	...	...	1	1
Bronchitis	...	...	...	...	...	...	4	...	2	...	4
Pneumonia	...	...	...	...	...	...	...	1	...	...	...
Diarrhoea	...	...	...	...	...	...	1	...	1	...	...
Enteritis	...	...	...	...	...	...	...	...	...	...	...
Gastritis	...	...	...	...	...	...	...	...	...	...	...
Syphilis	...	...	...	...	...	...	...	...	...	...	...
Rickets	...	...	...	...	...	...	...	...	...	...	...
Suffocation	...	...	...	...	...	...	1	...	...	...	1
Injury at Birth	...	...	...	...	...	...	...	...	...	...	...
Atelectasis	...	...	...	...	...	...	...	...	...	...	...
Congenital Malformation	...	2	...	...	2	4	1	...	...	...	...
Premature Birth	...	8	...	...	...	8	1	...	...	...	...
Atrophy, Debility, and Marasmus	...	1	...	...	...	1	1	1	...	...	3
Accident	...	...	...	...	...	...	...	...	...	1	1
Other Causes	...	1	...	...	...	1	...	...	...	...	2

Nett Births registered in the calendar year: Legitimate, 509. Illegitimate, 30.

Nett Deaths registered in the calendar year: 37. Legitimate, 35 (Males 17, Females 18). Illegitimate 2 (Males 2, Females —).

Infantile Rate: 1 Legitimate Infants 67.3 Illegitimate Infants 66.6 Total Rate 67.2

Table 6. Vital Statistics of whole District during 1940 and previous 29 years.

Year.	Population estimated to middle of each year.	Live Births.			Total Deaths Registered in the District.			Transferable Deaths		Nett Deaths belonging to District			
		Unrecorded Number.	Nett.		Number	Rate	of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 Year		At all Ages.		
			Number	Rate					Number	Rate per 1,000 Net Births	Number	Rate	
1	2	3	4	5	6	7	8	9	10	11	12	13	
1911	22943	655	680	32.04	491	21.40	188	15	80	117.6	318	14.91	
1912	23247	691	695	32.30	414	17.81	171	14	60	86.3	257	11.91	
1913	23726	720	722	32.83	404	16.90	145	9	56	77.5	265	12.05	
1914	24068	687	690	27.71	450	18.70	190	33	50	72.4	293	13.16	
1915	24228	615	617	26.68	488	20.14	256	19	52	84.2	251	11.96	
1916	24330	597	600	26.68	453	18.62	222	20	40	67.0	260	11.56	
1917	24140	627	627	27.76	480	23.76	322	18	57	90.0	277	12.26	
1918	21809	573	—	23.4	320	14.6	—	—	53	92.0	320	14.6	
1919	21700	621	—	26.2	264	11.6	—	—	49	78.0	264	11.6	
1920	25000	736	741	29.6	452	18.0	173	30	63	85.0	309	12.3	
1921	28100	698	700	24.8	412	14.6	157	34	63	90.0	289	10.2	
1922	28920	655	662	22.8	496	17.8	214	40	59	89.1	322	11.1	
1923	29510	657	663	22.4	403	13.6	175	32	39	58.8	259	8.7	
1924	29510	680	691	23.4	395	13.3	153	27	38	54.9	269	9.1	
1925	30530	611	635	20.7	431	14.0	185	38	38	59.8	284	9.3	
1926	32300	665	677	21.9	399	12.9	167	38	41	60.5	270	8.5	
1927	32700	551	565	17.2	433	13.2	171	45	46	81.0	307	9.0	
1928	32140	540	564	17.5	394	12.2	156	47	40	70.9	285	8.8	
1929	31130	554	584	18.7	428	13.7	175	37	45	77.0	290	9.3	
1930	31130	475	506	16.2	387	12.4	139	64	34	67.1	312	10.0	
1931	29330	458	481	16.4	421	14.4	175	57	25	51.9	304	10.4	
1932	29250	426	475	16.2	439	15.0	196	59	36	75.7	302	10.3	
1933	29240	401	485	16.5	445	17.7	199	74	40	82.0	320	10.9	
1934	29100	399	476	16.3	427	14.6	171	82	29	60.9	338	11.5	
1935	29010	375	527	18.1	419	14.4	194	72	31	58.8	297	10.2	
1936	28010	288	412	14.6	411	14.6	185	82	29	68.0	308	11.0	
1937	27640	296	435	15.7	439	15.5	184	86	28	64.3	341	12.3	
1938	27660	326	462	16.7	445	16.0	187	62	26	58.0	320	11.5	
1939	30721	314	433	14.0	418	13.6	160	72	26	60.0	330	10.7	
1940	31100	393	539	17.3	495	15.9	236	86	37	67.2	345	11.0	

TABLE 7.  
BIRTHS, 1940.  
REGISTERED IN THE VARIOUS MONTHS.

	Bridgend.	Ogmore.	Maesteg.	Cowbridge.
January .....	14	6	2	9
February .....	23	6	1	4
March .....	12	1	1	6
April .....	22	7	2	5
May .....	14	4	5	9
June .....	20	5	5	1
July .....	24	8	4	7
August .....	12	10	2	9
September .....	17	3	3	12
October .....	11	1	2	3
November .....	20	8	2	5
December .....	16	3	2	6
Totals .....	205	62	31	76

In addition to the above there are inward transferable births to be added.

Net total Births ... 539.

TABLE 8.  
BIRTHS REGISTERED DURING 1940.

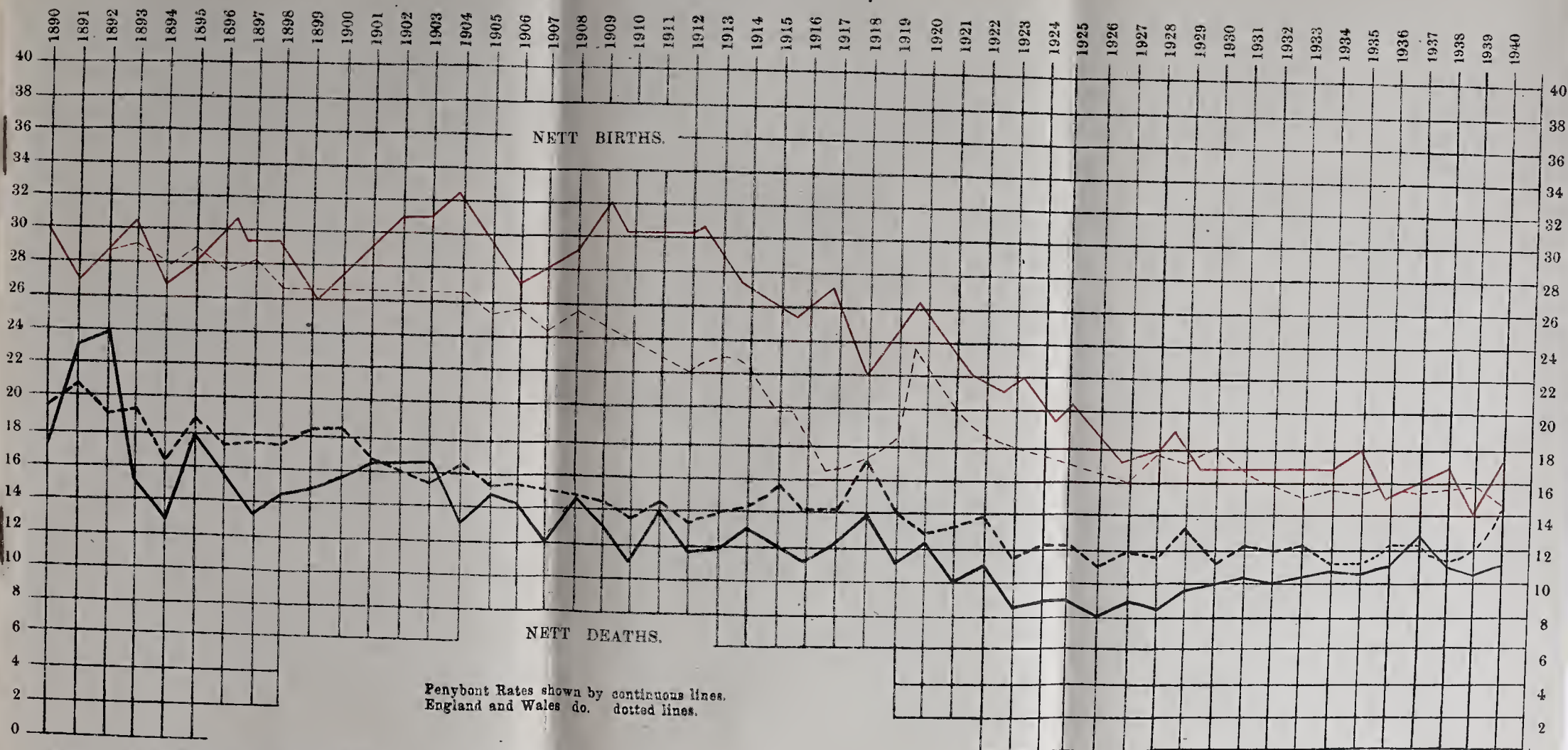
	Legitimate—		Illegitimate—	
	Males.	Females.	Males.	Females.
January .....	14	15	Nil	2
February .....	15	16	1	2
March .....	8	11	1	Nil
April .....	22	14	Nil	Nil
May .....	15	17	Nil	Nil
June .....	13	17	1	Nil
July .....	23	19	1	Nil
August .....	12	20	1	Nil
September .....	17	17	Nil	1
October .....	8	8	Nil	1
November .....	17	15	Nil	3
December .....	18	8	Nil	1
Totals .....	182	177	5	10

In addition to the above, inward transferable births have to be added.

The above tables have had the Outward Transferable Births taken out.



# PENYBONT RURAL DISTRICT.



Penybont Rates shown by continuous lines.  
England and Wales do. dotted lines.

ENGLAND & WALES BIRTH RATE=14.6  
Do Do. DEATH RATE=14.3  
PENYBONT BIRTH RATE, 1940 ... 17.3.  
PENYBONT DEATH RATE, 1940 ... 11.0.

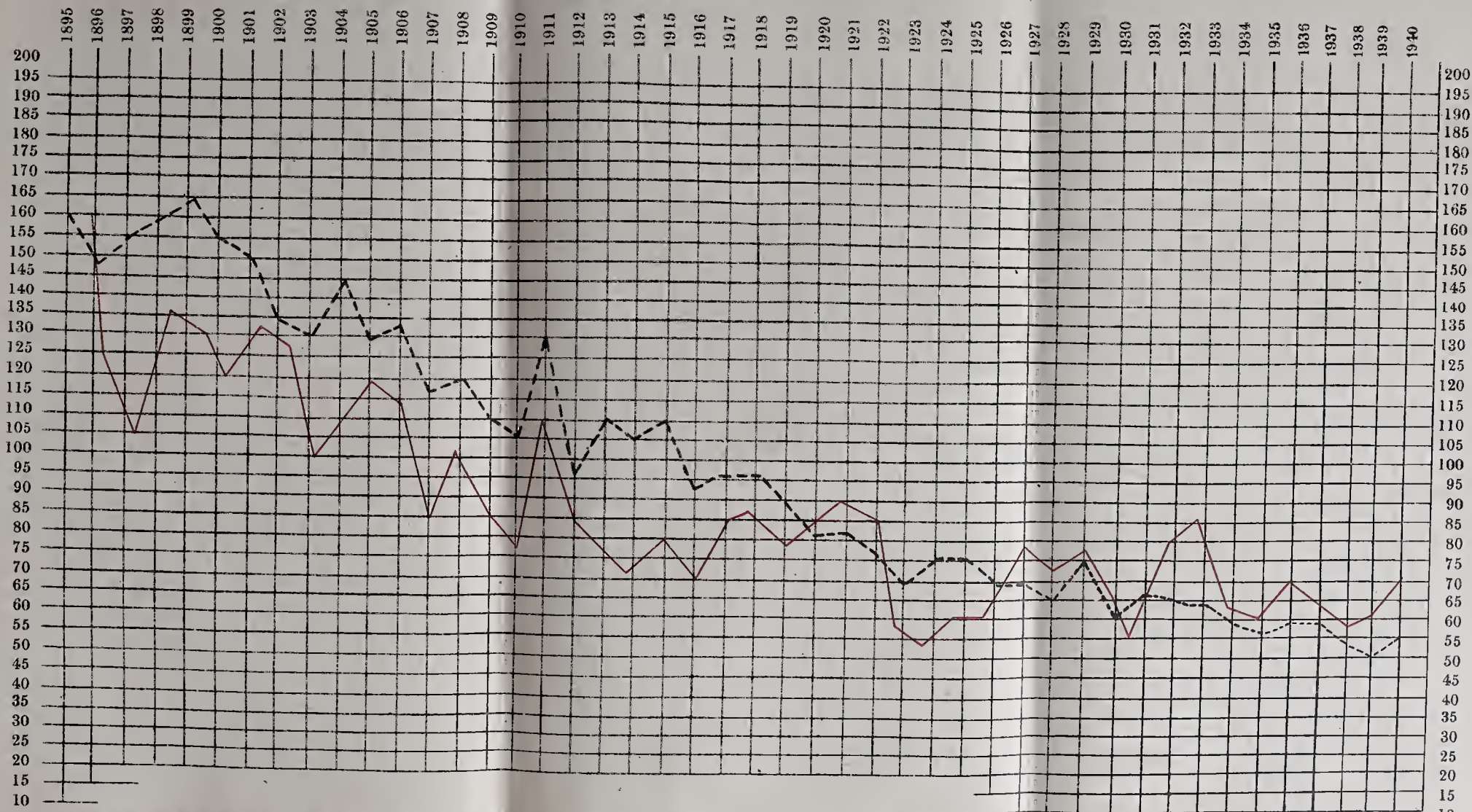




# INFANTILE MORTALITY IN PENYBONT

COMPARED WITH AVERAGE OF ENGLAND AND WALES.

DEATH-RATE UNDER ONE YEAR PER 1000 BIRTHS.



Penybont Infantile Death-Rate shown by continuous Red line-67.2 England & Wales Infantile Death-Rate shown by Dotted line- 55.0.

Average Infantile Death-Rate for Penybont for the 5 years 1936 to 1940 - 63.5.



TABLE 9.

District.	No. of Live Births.	No. of Still Births.	Inward Transferable Births		No. of Infant Deaths.	No. of Inward Transferable Infant Deaths.
			Live Births.	from Bridgend Maternity Home		
Heolycyw .....	19	3	...	5	...	3
Peuced .....	49	3	...	14	...	1
Coychurch & Waterton ...	7	—	...	2	...	—
Corntown and Ewenny ...	8	—	...	5	...	1
St. Brides Major .....	5	—	...	1	...	—
Wick .....	8	—	...	2	...	—
Ogmore & Southerndown .	6	—	...	4	...	1
Laleston & Merthymawr	6	—	...	5	...	—
Pyle .....	32	—	...	11	...	1
Cornelly & Ton Kenfig ...	17	1	...	4	...	1
Kenfig Hill .....	62	3	...	18	...	5
Cefn Cribbwr .....	21	2	...	7	...	1
Penyfal .....	4	—	...	4	...	—
Aberkenfig .....	27	1	...	10	...	4
Tondu .....	10	—	...	9	...	1
Coytrahen .....	1	—	...	1	...	—
Llangynwyd .....	12	1	...	—	...	1
Cwmfelin .....	16	1	...	—	...	3
Sarn .....	18	2	...	5	...	2
Brynoech & Brynceethin ...	23	—	...	2	...	—
Coity & Cefn Hirgoed.....	8	—	...	3	...	—
Litchard .....	10	—	...	10	...	1
Brynmenyn .....	5	—	...	1	...	—
Totals.....	374	17	...	123	...	26
					13	11

In addition to above Live Births, Inward Transferable Births have to be added, making a total of 539 Live Births (the Outward Live Births have been taken out).

Table 10—Cases of Infectious Disease notified during the Year 1940.

## Penybont Rural District.

NOTIFIABLE DISEASE	Cases notified in whole District.							
	At all ages.	At ages—years						
		under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and up- wards
Pneumonia ...	21	2	3	1	1	3	7	4
Cholera (C) Plague (P) ...	...	...	...	...	...	...	...	...
Diphtheria (including Mem- branous Group) ...	28	...	3	23	1	1	...	...
Erysipelas ...	12	...	...	...	1	4	7	...
Scarlet Fever ...	37	...	6	28	2	...	1	...
Malaria ...	2	...	...	...	...	...	2	...
Enteric Fever ...	...	...	...	...	...	...	...	...
Relapsing Fever (R) ...	...	...	...	...	...	...	...	...
Encephalitis Lethargica ...	...	...	...	...	...	...	...	...
Meningococcal Meningitis...	19	...	5	1	5	3	5	...
Polomyelitis ...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum ...	3	3	...	...	...	...	...	...
x Pulmonary Tuberculosis	22	...	...	2	6	10	4	...
Other forms of Tuberculosis	17	...	3	10	3	1	...	...
Measles ...	59	1	24	25	7	2	...	...
Whooping Cough ...	7	1	4	2	...	...	...	...
Dysentery ...	...	...	...	...	...	...	...	...
Small-pox ...	...	...	...	...	...	...	...	...
Chicken-pox ...	...	...	...	...	1	1	...	...
Puerperal Pyrexia ...	2	...	...	...	...	...	...	...
Totals ...	229	7	48	92	27	25	26	4

Isolation Hospital: Cefn Hirgoed.

Total number of beds 78.

x In addition to above there were 12 cases of Pulmonary Tuberculosis notified from the Glamorgan Mental Hospital. These cases were transferable.

TABLE 11—Notifications of Infectious Diseases, 1940.

## DISEASE

DISTRICT	Scarlet Fever.	Diphtheria.	Pneumonia.	Ophthalmia Neonatorum.	Phthisis.	Other Tubercular Disease.	Cerebro-Spinal Fever.	Polio-myelitis	Erysipelas.	Puerperal Pyrexia	Encephalitis Lethargica	Enteric Fever	Malaria	Dysentery	Measles.	Whooping Cough.
St. Bride's Major	2	...	...	...	1	1	...	...	...	...	...	...	...	...	4	...
Pencoed	4	12	...	2	1	...	1	...	4	...	...	...	...	...	3	7
Hcolycyw	4	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...
Brynmenyn	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Aberkenfig	6	...	...	...	4	3	1	...	...	...	...	...	...	...	...	...
Tondu	...	4	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Kentfig Hill	4	2	9	...	2	1	2	...	...	1	...	...	...	...	6	...
Pyle	1	2	3	...	5	2	5	...	...	...	...	...	...	...	9	...
Cefn Cribbwr	...	...	2	...	...	3	...	...	1	...	...	...	...	...	2	...
Bryncethin	2	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...
Bryncoch	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Penyfaï	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Llangynwyd	...	1	2	1	...	1	1	...	...	...	...	...	...	...	...	...
Laleston	...	6	...	...	1	...	1	...	...	...	...	...	...	...	2	...
Cty. Mental Hos'l	...	...	3	...	...	...	...	...	4	...	...	...	2	...	...	...
Cornelly	1	...	2	...	2	2	1	...	...	...	...	...	...	...	5	...
Southerndown	2	...	...	...	...	...	1	...	...	...	...	...	...	...	16	...
Cwmfelin	1	1	...	...	...	1	...	...	...	...	...	...	...	...	1	...
Coychurch	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...
Ewenny	1	...	...	...	...	1	2	...	...	...	...	...	...	...	5	...
Merthyr-mawr	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...
Wick	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Ogmore	1	...	...	...	1	...	...	...	1	...	...	...	...	...	2	...
Litchard	4	...	...	...	...	1	...	...	1	...	...	...	...	...	1	...
Isolation Hosp'l	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Cefn Hirgoed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tytheaston	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Sain	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coytrahen	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Blackmill	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coity	2	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Admitted to Isolation Hospital	21	28	...	...	...	...	19	...	3	2	...	...	...	...	4	...
TOTALS	37	28	21	3	22	17	19	...	12	2	...	...	2	..	59	7

Twelve of the Notified Cases of Phthisis which occurred at the Mental Hospital belonged to other Districts.

TABLE 12.—Notification of Infectious Diseases for each Month in 1940.

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.	No. of cases admitted to Hospital
Scarlet Fever	2	3	2	3	2	3	2	1	4	5	6	4	37	21
Diphtheria	...	5	1	...	1	...	...	2	1	6	10	2	28	32
Enteric Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	3	...	1	1	...	1	2	3	...	...	1	...	12	3
Ophthalmia Neonatorum	...	...	...	...	...	1	...	...	1	...	...	1	3	...
Measles	2	1	11	3	10	1	4	...	...	...	1	26	59	4
Whooping Cough	...	1	...	...	4	...	2	...	...	...	...	...	7	...
Phthisis	2	3	2	1	4	...	2	3	1	3	1	...	22	...
Other Tubercular Diseases	1	...	1	1	6	...	1	2	1	1	2	1	17	...
Pneumonia	5	2	4	1	...	1	1	1	1	1	1	3	21	...
Polio-myelitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lethargica	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Small Pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dysentery	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Meningo-coccal-Meningitis	1	1	8	...	3	1	2	...	...	3	...	...	19	19
Puerperal Pyrexia	1	...	...	...	...	1	...	2	...	...	...	...	2	2
Malaria	...	...	...	...	...	...	...	...	...	...	...	...	2	...
TOTALS	17	16	30	10	30	9	14	16	9	19	22	37	229	77

In addition to above there were 12 cases of Phthisis notified from Glam. Mental Hospital.

These cases were Transferable.



## TABLE 13.—MATERNITY AND CHILD WELFARE.

## BIRTHS.

Registered: Legitimate, 378. Illegitimate, 15. Total, 393.

Notified within thirty-six hours of birth:—

(1) Live Births ... 374. (2) Still Births ... 17. Total ... 393.

(1) By Midwives . 388 (2) By Doctors and Parents..... 5

## INFANT DEATHS.

Number—

(1) Legitimate ... 35. (2) Illegitimate... 2. Total ... 37

Rate per 1,000 Births—

(1) Legitimate ...67.3. (2) Illegitimate...66.6. Total ...67.2.

## HEALTH VISITORS.

Visits paid by Health Visitors during the year:—

To expectant mothers (1) First Visits... 294. Total Visits... 910

To infants under one

year ..... (1) First Visits... 551. Total Visits... 2,417

To children 1—5 years

Total-Visits... 4,553

To cases of tuber-

culosis ..... (1) First Visits... 37.. (2) Total Visits... 707

To cases of measles

(1) First Visits... 32.. (2) Total Visits... 40

To cases of whooping

cough ..... (1) First Visits... 24.. (2) Total Visits... 32

To cases of ophthalmia

neonatorum ... (1) First Visits... 3.. (2) Total Visits... 15



TABLE 14.—Maternity and Child Welfare.

ATTENDANCES AT INFANT WELFARE CENTRE.				Attendances at Artificial Sunlight Clinic.														
Birth Rate.	Infantile Mortality.	General Death Rate.													Greenmeadow, Bridgend			
			Laleston.	Tondur.	Kenng Hill.	Peneod.	Cwmfelin.	Heolgyw.	Cornelly.	Coytrahan.	Bryneethin.	Cefn Cribbwr.	St. Brides Major.	Law Street.		Colty.	Wick.	
1940	17.3	67.2	11.0	369	2842	3285	2602	559	264	361	103	757	485	383	195	282	261	237
1939	14.0	60.0	10.7	331	3054	3064	1788	633	347	363	137	979	430	313	308	211	152	562
1938	16.7	58.0	11.5	305	3328	3617	2591	741	390	352	131	1214	536	250	272	155	191	293
1937	15.7	64.3	12.3	314	4764	4061	2635	886	367	359	195	1585	466	387	321	283	254	564
1936	14.6	68.0	11.0	429	4611	4666	3532	989	674	433	234	1780	626	423	440	288	231	1558
1935	18.1	58.8	10.2	524	4227	5315	2426	827	932	474	275	1714	638	378	158	171	83	1526
1934	16.3	60.9	11.5	421	4133	4749	1777	935	499	346	299	1829	684	414				349
1933	16.5	82.0	10.9	393	3878	3856	1795	1088	551	384	305	1560	679	330				1257
1932	16.2	75.7	10.3	356	3271	4164	1793	884	436	322	212	1602	583	275				1070
1931	16.4	51.9	10.3	280	3345	3452	1739	712	475	303	177	1342	561	312				672
1930	16.2	67.1	10.0	362	3925	3920	1620	666	494	275	251	1574	439	374				610
1929	18.7	77.0	9.3	286	4148	3163	1633	450	507	306	294	1292	500	304				16
1928	17.5	70.9	8.8	286	3312	2703	1190	453	302	196	302	1278	359	111				
1927	17.2	81.0	9.0	203	3549	2876	1249	519	417	260	314	1312	488					
1926	21.9	60.5	8.5	173	4792	3476	1576	467	38	37	49	597						
1925	20.7	59.8	9.3	156	2743	1148	912	478										
1924	23.4	54.9	9.1	183	3059	1560	771	462										
1923	22.4	58.8	8.7	140	2402	1142	625	489										
1922	22.8	89.1	11.1	109	1410	1035	536	351										
1921	24.8	90.0	10.2	130	1035	930	539	605										
				Not opened till 1926.										open'd 1927.	open'd 1928.	open'd 1935	open'd 1935	opened 14th December, 1928.





TABLE 17.—ATTENDANCES AT THE VARIOUS ANTENATAL CLINICS DURING, 1940.

Centre.	Number of clinics held.	Total Attendance.	Average attendance per clinic.	Number of mothers who attended.	Total Post-Natal Attendances.	Number of mothers attending P.N. in 1940
Kenfig Hill	25	429	17.1	90	4	4
Pencoed	26	180	6.9	53	4	4
Heolveyw	25	50	2.0	13	—	—
Tondu	25	294	11.7	71	1	1
Cwmfelin	25	128	5.1	29	4	4
Cornelly	25	116	4.6	28	2	2
Laleston	25	68	2.7	12	—	—
St. Brides Major	26	94	3.6	25	2	2
Cefn Cribbwr	25	104	4.1	28	2	2
Bryncoch	25	192	7.6	51	4	4
Wick	26	46	1.7	10	3	3
Totals	278	1701	6.1	410	26	26

TABLE 18.—BREAST-FED BABIES.

Number of children who were born in 1939, and were resident in the Penybont Rural District at the end of 1940 ..... 462

Of these Children—

379 were Breast-fed at Birth.

224 were Breast-fed at 3 months.

178 were Breast-fed at 6 months.

97 were Breast-fed at 9 months.

12 were Breast-fed at 12 months.

These figures include children who were partially breast-fed.

TABLE 19.—CAUSES OF DEATH IN PENYBONT  
RURAL DISTRICT, 1940.

Causes of Death.			M.	F.
All Causes	...	...	198	148
1 Typhoid and Paratyphoid Fever	...	...	...	...
2 Cerebro Spinal Fever	...	...	3	...
3 Scarlet Fever	...	...	1	...
4 Whooping Cough	...	...	...	...
5 Diphtheria	...	...	...	...
6 Tuberculosis of Respiratory System	...	...	10	11
7 Other Forms of Tuberculosis	...	...	...	2
8 Syphilitic Diseases	...	...	...	1
9 Influenza	...	...	2	1
10 Measles	...	...	1	...
11 Acute Poliomyelitis and Polio- encephalitis	...	...	...	...
12 Acute Infectious Encephalitis	...	...	...	...
13 Cancer of Buccal Cavity and oesophagus (M.) uterus (F.)	...	...	2	3
14 Cancer of Stomach and Duodenum	...	...	2	4
15 Cancer of Breast	...	...	...	1
16 Cancer of all other sites	...	...	9	11
17 Diabetes	...	...	1	2
18 Intracranial Vascular Lesions	...	...	10	10
19 Heart Disease	...	...	55	43
20 Other diseases of circulatory system	...	...	3	1
21 Bronchitis	...	...	16	9
22 Pneumonia	...	...	12	9
23 Other respiratory diseases	...	...	7	1
24 Ulceration of Stomach and Duodenum	...	...	2	...
25 Diarrhoea, under 2 years	...	...	2	...
26 Appendicitis	...	...	1	...
27 Other digestive diseases	...	...	7	9
28 Nephritis	...	...	4	3
29 Puerperal and Post-Abortive Sepsis	...	...	...	...
30 Other maternal causes	...	...	...	...
31 Premature Birth	...	...	3	6
32 Congenital Malformation, birth injury, infantile diseases	...	...	6	5
33 Suicide	...	...	1	...
34 Road traffic accidents	...	...	4	1
35 Other violent causes	...	...	12	5
36 All other causes	...	...	22	10
Deaths of Infants under 1 year of age:				
Total	...	...	19	19
Legitimate	...	...	17	19
Illegitimate	...	...	2	...
Live Births:				
		For	For	
		I.M., etc.	Birth Rate.	
		M. F.	M. F.	
Total	...	272 278	268 271	
Legitimate	...	260 260	256 253	
Illegitimate	...	12 18	12 18	
Stillbirths:				
Total	...	13 16		
Legitimate	...	13 15		
Illegitimate	...	...	1	

Population: 31,100.

General Register Office, Terra Nova, Southport, Lancs.



### VITAL STATISTICS.—1940.

District.	Estimated Population 1940.	Births.			Deaths.			Infant Mortality.		
		Number of Births.	Rate per 1,000 Population.	Number of Deaths.	Rate per 1,000 Population.	Deaths under one year.	Rate per 1,000 births.	Adjusted birth figures for calculating I.M. rate.		
Administrative County.....	716,400	11,652	16.3	9,575	13.4	777	65	11,882		
Urban Districts.....	531,200	8,668	16.3	7,392	13.9	595	67	8,860		
Rural Districts.....	185,200	2,984	16.1	2,183	11.8	182	60	3,022		
England and Wales.....			14.6		14.3		55			
Urban Districts—										
Aberdare.....	41,780	569	13.6	691	16.5	46	80	576		
Barry Borough.....	39,730	634	16.0	519	13.1	41	64	640		
Bridgend.....	13,010	183	14.1	134	10.3	13	70	187		
Caerphilly.....	31,630	610	19.3	484	15.3	54	87	618		
Cowbridge.....	1,150	18	15.7	15	13.0			18		
Gelligaer.....	35,630	710	19.9	435	12.2	49	68	718		
Glyncorrwg.....	9,056	216	23.9	127	14.0	14	63	221		
Llwchwr.....	25,620	396	15.5	324	12.6	35	88	399		
Maesteg.....	23,460	443	18.9	318	13.6	37	81	457		
Mountain Ash.....	32,250	566	17.6	444	13.8	30	51	584		
Neath Borough.....	31,240	415	13.3	428	13.7	27	64	420		
Ogmore and Garw.....	23,160	430	18.6	298	12.9	29	65	447		
Penarth.....	16,590	202	12.2	244	14.7	16	79	203		
Pontypridd.....	38,340	661	17.2	524	13.7	34	50	676		
Porthcawl.....	9,314	108	11.6	114	12.2	6	53	114		
Port Talbot Borough.....	41,340	666	16.1	539	13.0	44	65	672		
Rhondda.....	117,900	1,841	15.6	1,754	14.9	120	63	1,910		
Rural Districts—										
Cardiff.....	34,300	470	13.7	375	10.9	22	47	473		
Cowbridge.....	12,540	223	17.8	130	10.4	16	72	223		
Gower.....	10,180	166	16.3	134	13.2	7	42	166		
Llantrisant and Llantwit Fardre.....	23,930	466	19.5	324	13.5	34	72	470		
Neath.....	39,930	676	17.0	455	11.4	33	48	686		
Penybont.....	31,100	539	17.3	346	11.1	38	69	550		
Pontardawe.....	33,220	444	13.4	419	12.6	32	70	454		





TABLE 20.

## MID-GLAMORGAN WATER BOARD RAINFALL RECORDS.

Year Ended 31st December, 1940.

Month.		Merthyr	m'r.	Bridgend		Schwyl.		Brynna.		St. Athan.
January	...	4.91	...	5.05	...	4.38	...	4.81	...	3.35
February	...	4.68	...	4.82	...	4.36	...	5.00	...	3.07
March	...	3.26	...	3.15	...	2.61	...	3.19	...	2.86
April	...	3.31	...	3.47	...	3.02	...	3.97	...	2.59
May	...	1.74	...	1.68	...	1.35	...	1.68	...	1.90
June	...	0.72	...	0.70	...	0.54	...	0.57	...	—
July	...	4.29	...	4.27	...	3.58	...	5.11	...	5.07
August	...	0.39	...	0.42	...	0.22	...	0.57	...	0.09
September	...	2.12	...	1.81	...	1.50	...	2.07	...	2.36
October	...	6.27	...	6.42	...	4.27	...	7.02	...	4.66
November	...	9.46	...	8.97	...	8.79	...	9.83	...	7.96
December	...	4.40	...	4.51	...	3.21	...	4.12	...	3.23
Totals	...	45.56	...	45.27	...	37.83	...	47.94	...	37.14

		Maesteg.		Blackmill.		Ogmore Vale.		Ponty- cymmer.
January	...	5.26	...	4.12	...	4.28	...	3.60
February	...	6.95	...	6.73	...	10.14	...	8.79
March	...	4.90	...	4.20	...	7.42	...	6.40
April	...	4.54	...	4.65	...	5.70	...	5.38
May	...	1.99	...	1.51	...	1.99	...	1.91
June	...	0.91	...	0.65	...	0.53	...	0.57
July	...	6.88	...	7.65	...	7.38	...	7.45
August	...	1.07	...	1.05	...	1.32	...	1.11
September	...	4.09	...	3.07	...	4.46	...	4.25
October	...	7.93	...	8.11	...	11.40	...	9.00
November	...	12.43	...	12.36	...	19.51	...	15.55
December	...	6.47	...	6.37	...	8.58	...	7.93
Totals	...	63.42	...	60.47	...	82.71	...	71.94

Rainfall—Year 1939: Merthyr-mawr, 50.31; Bridgend, 50.686; Schwyll, 40.12; Brynna, 58.16; St. Athan, 36.44; Maesteg, 76.33; Blackmill, 69.08; Ogmore Vale, 91.84; Pontycymmer, 86.14.

The above Table was kindly supplied by the Manager to the Mid-Glamorgan Water Board.

# PENYBONT RURAL DISTRICT COUNCIL.

## Area No. 1.

### Sanitary Inspector's Report, Year Ended December 31st, 1940.

#### HOUSING.

##### NUMBER OF NEW HOUSES ERECTED DURING THE YEAR—

(a) Total, including the number given under Section (b) ...	14
(i) By Local Authority ... ..	Nil
(ii) By other Local Authorities ... ..	Nil
(iii) By other Bodies or Persons ... ..	14
(b) With State Assistance under the Housing Acts.	
(i) By the Local Authority ... ..	Nil
(ii) By other Bodies or Persons ... ..	Nil

##### 1.—INSPECTION OF DWELLING-HOUSES DURING THE YEAR—

(1) (a) Total number of Dwelling-houses inspected for housing defects under the Public Health or Housing Acts ... ..	1179
(b) Number of Inspections made for the purpose	1200
(2) (a) Number of Houses [included under Sub-head (1) above] which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 ... ..	34
(b) Number of Inspections made for the purpose	42
(3) Number of Dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... ..	15
(3) Number of Dwelling-houses (excluding those referred to under the preceding Sub-head) found not to be in all respects reasonably fit for human habitation ...	98

## 2.—REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES—

Number of Defective Dwelling-houses rendered fit in consequence of informal action taken by the Local Authority or their Officers	...	...	...	...	...	92
---	-----	-----	-----	-----	-----	----

## 3.—ACTION UNDER STATUTORY POWERS DURING THE YEAR—

### A. Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936:—

(1) Number of Dwelling-houses in respect of which Notices were served requiring repairs	...	Nil
Houses where Demolition Orders have been made	...	Nil
(2) Number of Dwelling-houses in which defects were remedied after service of Formal Notices—		
By Owners	...	Nil
By Local Authority in Default of Owners		Nil

### B. Proceedings under the Public Health Acts:—

(1) Number of Dwelling-houses in respect of which Notices were served requiring defects to be remedied	...	6
(2) Number of Dwelling-houses in which defects were remedied after Service of Formal Notices	...	4
(a) By Owners	...	4
(b) By Local Authority in default of Owners	...	Nil

### C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936.

(1) Number of Houses in respect of which Demolition Orders were made	...	Nil
(2) Number of Dwelling-houses demolished in pursuance of Demolition Orders	...	Nil
Undertaking Accepted	...	Nil

## D.—Proceedings under Section 12 of the Housing Act, 1936:—

(1) Number of Separate Tenements or Under- ground Rooms in respect of which Closing Orders were made	...	...	...	Nil
(2) Number of separate Tenements or Underground Rooms in respect of which Closing Orders were determined, the Tenement or Room having been made fit	...	...	...	Nil

## 4.—HOUSING ACT, 1936—OVERCROWDING—

(a) (i) Number of Dwellings overcrowded at the end of the year (December 31st)	...	...	...	10
(ii) Number of Families dwelling therein	...	...	...	11
(iii) Number of Persons dwelling therein	...	...	...	70
(b) Number of new cases of Overcrowding reported during the year	...	...	...	2
(c) (i) Number of cases of Overcrowding relieved during the year	...	...	...	2
(ii) Number of Persons concerned in such cases	...	...	...	9
(d) Particulars of any cases in which Dwelling-houses have again become Overcrowded after the Local Authority have taken steps for the abatement of Overcrowding	...	...	...	Nil

TABLE 1.—PENYBONT RURAL DISTRICT COUNCIL (No. 1 AREA).

Sanitary Inspector's Tabulated Statement Under Article 27 (18) of the Sanitary Officers' Order (Outside London) Regulations, 1935.

	No. of Inspections.	Nuisances and Defects Discovered	Work done by Informal Action.	Work not done.	Work in Progress.	Houses found to be Unfit for Human Habitation.	Demolition Orders Made.	Samples of Milk Taken.	Samples of Water taken.
<b>Public Health &amp; Housing Acts.</b>									
(1) Houses Recorded ...	34								
(2) Other Houses ...	1145								
(3) New Houses ...	21								
Total Inspections ...	1200	98	92	6	2	6	4	2	1
For Overcrowding ...	24	2	2	2	2	2	2	2	2
Cowsheds, Dairies & Milkshops ...	385	69	67	2	2	2	2	2	2
Slaughter Houses & Butchers' Shops ...	56	3	3	2	2	2	2	2	2
Factories & Workshops ...	15	1	1	2	2	2	2	2	2
Schools ...	18	1	1	2	2	2	2	2	2
Cinemas ...	16	1	1	2	2	2	2	2	2
Petroleum Stores ...	19	2	2	2	2	2	2	2	2
Shops ...	14	2	2	2	2	2	2	2	2
Food & Drugs ...	17	2	2	2	2	2	2	2	2
Rats & Mice ...	19	2	2	2	2	2	2	2	2
Infectious Diseases.									
Investigations ...	112	...	...	...	...	...	...	...	...
Fumigations ...	48	...	...	...	...	...	...	...	...
Drains Tested ...	30	...	...	...	...	...	...	...	...
Inspected ...	54	35	35	...	...	...	...	...	...
Water Supplies.									
Services from Mains, Wells and Springs, Extensions to W.C.'s, Etc.	92	22	20	2	...	...	...	...	...
Close Conversion ...	14	4	2	2	...	...	...	...	...
TOTALS ...	2133	240	226	12	2	6	4	2	1
								32	14

TABLE 2 (No. 1 AREA).

HOUSING AND SANITARY IMPROVEMENTS CARRIED OUT  
DURING THE YEAR.

Water Supplies—

Services Renewed	...	...	...	9
Services Repaired	...	...	...	2
Services Extended to W.C.'s	...	...	...	8
Piped Supply from Main or Private Source Provided				1

External Repairs—

Chimney Stacks Renewed	...	...	...	2
Chimney Stacks and Roofs Repaired	...	...	...	21
Gutters and Downpipes Renewed or Repaired	...	...	...	8
Cement Rendering on Walls Renewed	...	...	...	2
Exterior of Walls Cemented	...	...	...	5

Internal Repairs—

Windows Renewed or Repaired	...	...	...	12
Plaster on Walls and Ceilings Repaired	...	...	...	5
Floors Renewed or Repaired	...	...	...	5
Firegrates, Ovens and Hot Water Systems Repaired or Renewed	...	...	...	2
Doors Renewed or Repaired	...	...	...	13

Drainage—

Backyards Repaired	...	...	...	13
Sanitary Conveniences Converted into W.C.'s	...	...	...	2
New Flushing Apparatuses Provided in W.C.'s	...	...	...	12
New W.C. Structures Erected	...	...	...	4
Closet Structures Reconditioned	...	...	...	7
Defective Pans Replaced by Pedestals	...	...	...	6
Water Supply Pipes to W.C.'s Repaired	...	...	...	20
Defective Drainage Systems Repaired	...	...	...	22
Choked Drainage Systems Cleared	...	...	...	35
Cesspits Discharged	...	...	...	3
Sinks Provided	...	...	...	6
Skop Water Drains Constructed and Connected to Sewers	...	...	...	2

Other Nuisances Abated—

Poultry Kept Unsatisfactorily	...	...	...	1
Swine Kept Unsatisfactorily	...	...	...	1
Accumulations of Manure Removed	...	...	...	2
Accumulations of House Refuse Removed	...	...	...	6
Premises on which Rats were Poisoned	...	...	...	4
Pollution of Streams	...	...	...	2

## MILK SUPPLY.

MILK AND DAIRIES (CONSOLIDATION) ACT, 1915,  
AMENDMENT ACT, 1922, AND  
THE MILK AND DAIRIES ORDER, 1926.

Licences granted under the Special Designations Order, 1936:—

## Tuberculin Tested :

Producers and Retailers	...	...	...	2
Producer	...	...	...	1
Supplementary "Retailer's"	...	...	...	1
Pasteurised Supplementary	...	...	...	3

By the Glamorgan County Council under the Milk Marketing Board's Accredited Scheme, licensees were granted to the Occupiers of the following Farms:—Brynlwraeh, Ty Sant, Tynwydd, Coity, Giplet and Brynceithin Farm. Pant and Penylan and Werndew.

## Ungraded Milk :

No Producers' Licences were granted during the year.

The total number of Producers now in the Register, including

Graded Producers, is	...	...	...	...	153
Retailers	...	...	...	...	142
Retailers residing in the Sub-area who are now in business					
including Producer-retailers	...	...	...	...	94
Number of Inspections made of Cowsheds, Dairies and Milk-shops during the year	...	...	...	...	385

The following required works, in order to improve Premises, have been carried out during the year:—

The number of Cowsheds which were internally reconditioned—viz., New Floors and Channels in cement concrete, additional Windows fixed for improving the Lighting and Ventilation, new Stalls and Troughs, etc., erected	...	2
Partially enclosed Yards near Cowsheds paved with cement concrete	...	Nil
Number of Cowsheds limewashed on internal surfaces of walls, and interior of roofs cleansed, as the result of Informal Action taken	...	52

Samples of Graded and Ungraded Milk had been taken monthly, and delivered at the County Laboratory for Bacteriological Examination.

Particulars of these are given in the Medical Officer of Health's Report,



**SLAUGHTER-HOUSES.**

The number of Slaughter-houses actually in use as such in the  
Sub-area at the end of the year was ... .. 2

No difficulty has been experienced by way of getting the lime-washing of the internal surfaces of walls in the Slaughter-houses carried out when necessary, and the general standard of cleanliness maintained has been reasonably satisfactory.

Number of visits made to Slaughter-houses ... .. 56

**BUTCHERS' SHOPS.**

Number of visits made to Butchers' Shops ... .. 82

In the course of examinations made of carcasses and organs of animals slaughtered in Slaughter-houses, and by Cottagers and Farmers on their own premises, the following articles, which were found to be diseased and unfit for human consumption, were voluntarily surrendered by the owners and destroyed at their expense.

**Affected With Tuberculosis :**

One Carcase and the Organs of a Cow.  
One Lungs and Heart of a Beast.  
One Pig's Head.

**Distomatosis :**

Three Bovine Livers.

**SLAUGHTER OF ANIMALS ACT, 1933.**

The number of Slaughtermen licensed during the year was ... 5

**FACTORY ACT, 1937.**

Number of Factories in Sub-area, including Bakehouses  
and Garages is ... .. 24  
Number of Inspections made ... .. 47  
Two defective W.C.'s were attended to during the year.

**SCHOOLS.**

Number in Sub-area ... .. 11  
Number of Inspections made of them ... .. 15

Particulars of Schools are given in the Medical Officer's Report.

### WATER SUPPLIES.

Fourteen new Houses were erected and completed during the year, all of which are connected to the Mid-Glamorgan Water Board's Mains.

These are situated as follows:—

Ten at Garfield Avenue, Litchard.

Four at Sandfields, Aberkenfig.

The approximate number of premises now connected to the Board's Mains is

...	...	...	...	3172
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### SEWERAGE AND DRAINAGE.

The Fourteen new Houses erected during the year have W.C.'s and Slop Water Drains connected to the Council's Sewers.

Sewer Extensions and Conversions of Closets from the dry conservancy system.

#### Pencae and the Isolation Hospital Extension at Cefn Hirgoed.

The Isolation Hospital is now draining into this Sewer.

New W.C.'s and Slop Water Drains have been constructed for seven of the houses at Pencae, and these are now discharging into the Council's Sewer.

There are two other houses which are situated within the specified distance which will probably be connected to this Sewer in the near future.

Conversions	...	...	...	...	...	7
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#### The Brynmenin River Row Extension.

Four of the five houses have been provided with new W.C.'s and Slop Water Drains, which are now discharging into the Sewer.

Conversions	...	...	...	...	...	4
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#### Abergarw Extension.

Six Houses have been connected to this Sewer.

The approximate number of W.C.'s now connected to the Council's Sewer is	...	...	...	...	2899
--	-----	-----	-----	-----	------

The Isolation Hospital is included in this number.

Number of houses with W.C.'s discharging into Cesspits	...	124
--	-----	-----

Number of Cesspits taking Slop Water only	...	94
---	-----	----

Conversions from the Conservancy System	...	2
---	-----	---

Approximate number of Earth and Pail Closets	...	560
--	-----	-----

Smoke Tests applied to Drainage Systems	...	31
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Further particulars are given in Table 2.

**FOOD AND DRUGS ACT, 1938.**

The number of Inspections made of Butchers' Shops, Ice				
Cream and Fried Fish Shops is	...	...	...	62
Premises Registered	...	...	...	6

**CINEMAS.**

Number in Sub-area	...	...	...	4
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Occasional inspections have been carried out of these premises, and it is safe to say that the requirements of the Regulations were found to be carried out in every case as far as practicable under war conditions.

**RATS AND MICE DESTRUCTION ACT, 1919.**

As in previous years, the importance of the extermination of rats has not been overlooked. The public, in the course of duty, have been informed of the methods of extermination, and the requirements of the Act.

When poison has been used, the persons responsible have been advised to lay the baits in containers into which rats only could find access. By this method, in addition to reducing the risk of poisoning other small animals or birds, the number of baits taken can be easily checked.

The importance of storing articles of foodstuffs in rat-proof containers has also been brought to people's notice where it has been considered necessary.

**GOVERNMENT'S EVACUATION SCHEME.**

Much time was taken up during the year attending to the billeting of evacuees in the Area.

**Emrys T. Rees,**

Sanitary Inspector.

# PENYBONT RURAL DISTRICT COUNCIL.

## Sanitary Inspector's Report, Year Ended December 31st, 1940.

### Area No. 2.

#### HOUSING STATISTICS.

##### NUMBER OF NEW HOUSES ERECTED DURING THE YEAR—

(a) Total [including numbers given separately under (b)]...	11
(i) By the Local Authority	Nil
(ii) By other Local Authorities	Nil
(iii) By other Bodies or Persons	11
(b) With State Assistance under the Housing Acts—	
(i) By the Local Authority—	
(a) Under Slum Clearance	Nil
(b) For other purposes	Nil
(ii) By other Bodies or Persons	Nil

##### 1.—INSPECTION OF DWELLING-HOUSES DURING THE YEAR—

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	656
(b) Number of inspections made for the purpose	819
(2) (a) Number of dwelling-houses (included under sub-head (1) above which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932)	57
(b) Number of inspections made for the purpose	84
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	1
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	180

## 2.—REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers ... .. 131

## 3.—ACTION UNDER STATUTORY POWERS DURING THE YEAR—

(a) Proceedings under Sections 9, 10, and 16 of the Housing Act, 1936:—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs ... .. 1

(2) Number of dwelling-houses which were rendered fit after service of formal notices:—

(a) By Owners ... .. 1

(b) By Local Authority in default of owners, the notices being served last year ... .. Nil

(b) Proceedings under Public Health Acts:—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied 6

(2) Number of dwelling-houses in which defects were remedied after service of formal notices:—

(a) By Owners ... .. 6

(b) By Local Authority in default of Owners ... Nil

(c) Proceedings under Sections 11 & 13 of the Housing Act, 1936:—

(1) Number of dwelling-houses in respect of which Demolition Orders were made ... .. 4

(2) Number of dwelling-houses demolished in pursuance of Demolition Orders ... .. 3

An appeal against a Demolition Order made by the Council in respect of Village Farm, Laleston, was heard at the Bridgend County Court on the 26th June, 1940. The appeal was dismissed, with costs.

(d) Proceedings under Section 12 of the Housing Act, 1936:—

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made Nil

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined—the tenement or room having been made fit ... .. Nil

## 4.—HOUSING ACT, 1936.—OVERCROWDING.

- (a) (i) Number of dwellings overcrowded at the end of the year ... 19  
(ii) Number of families dwelling therein ... 20  
(iii) Number of persons dwelling therein ... 128
- (b) Number of new cases of overcrowding reported during the year ... Nil
- (c) (i) Number of cases of overcrowding relieved during the year ... 5  
(ii) Number of persons concerned in such cases ... 39
- (d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding ... Nil

TABLE 1.

	No. of Inspections.	Informal Notices.	Work done.	Work not done.	Work in Progress.	Statutory Notices.	Work done.	Work not done.	Work in Progress.	Houses found Unfit for Human Habitation.	Demolition Orders Made.	Samples Collected.
Public Health Acts ...	...	162	131	14	5	6	6	...	...	...	...	...
Housing Acts ...	...	51	39	5	...	1	1	...	...	1	4	...
1. Recorded Houses ...	84	...	...	...	...	...	...	...	...	...	...	...
2. Other Houses ...	819	...	...	...	...	...	...	...	...	...	...	...
3. New Houses ...	35	...	...	...	...	...	...	...	...	...	...	...
4. Overcrowding ...	28	...	...	...	...	...	...	...	...	...	...	...
Cowsheds, Dairies, Milkshops	253	38	36	2	...	...	...	...	...	...	...	...
Slaughter Houses, Butchers' Shops, &c. ...	224	12	12	...	...	...	...	...	...	...	...	...
Factories, &c. ...	21	3	3	...	...	...	...	...	...	...	...	...
Schools ...	15	...	...	...	...	...	...	...	...	...	...	...
Cinemas ...	9	1	1	...	...	...	...	...	...	...	...	...
Petrol and Carbide Stores ...	18	...	...	...	...	...	...	...	...	...	...	...
Shops ...	15	...	...	...	...	...	...	...	...	...	...	...
Food and Drugs ...	6	1	...	1	...	...	...	...	...	...	...	...
Rats and Mice ...	59	2	2	...	...	...	...	...	...	...	...	...
Infectious Disease :												
1. Investigations ...	106	...	...	...	...	...	...	...	...	...	...	...
2. Fumigations ...	94	...	...	...	...	...	...	...	...	...	...	...
Drains Tested ...	30	...	...	...	...	...	...	...	...	...	...	...
Connections to Water Mains ...	23	...	...	...	...	...	...	...	...	...	...	9
Refuse Accumulations ...	80	71	71	...	...	...	...	...	...	...	...	...
Milk Supplies ...	...	...	...	...	...	...	...	...	...	...	...	33
TOTALS ..	1919	341	295	22	5	7	7	...	...	1	4	42

\* Notices Served year 1938.

TABLE 2.

Housing and Sanitary Improvements carried out during the year:—

## Repairs to Houses.

1. Interior of Houses—			
Ceilings renewed or repaired	...	...	17
Staircases renewed or repaired	...	...	2
Floors renewed or repaired	...	...	12
Grates and ovens renewed or repaired...	...	...	12
Defective plaster to walls made good	...	...	13
Doors and frames renewed or repaired	...	...	14
Windows and frames renewed or repaired	...	...	20
Properly ventilated food stores provided	...	...	4
Improved lighting and ventilation	...	...	6
			— 100
2. Exterior of Houses—			
Chimneys rebuilt or repaired	...	...	4
Roof re-slatted or repaired	...	...	15
Walls cemented or roughcasted	...	...	11
Downpipes and gutters renewed or overhauled	...	...	5
Paved areas re-laid or repaired	...	...	5
Ground abutting on walls above floor level removed	...	...	1
Front paths constructed of impervious materials	...	...	6
Washing accommodation provided	...	...	1
			— 48
3. Sanitary Improvements—			
Drains provided (no drains previously)	...	...	4
Defective drains repaired	...	...	5
New inspection chamber covers	...	...	1
Choked drains relieved	...	...	14
Cesspools cleaned	...	...	15
New closet accommodation provided	...	...	1
Closet accommodation repaired	...	...	25
New W.C. pans fixed	...	...	8
Flush tanks installed or repaired	...	...	15
Drain vent shafts renewed or repaired	...	...	1
			— 89
4. Water Supplies—			
Water service pipes totally renewed	...	...	...
Defective services repaired	...	...	25
Houses without a proper water supply connected	...	...	...
to mains	...	...	11
			— 36
5. General—			
Verminous houses cleaned	...	...	2
			— 2



**Infectious Diseases.**

1. Number of investigations made, including re-visits made where cases were isolated at home and investigations made of notified cases of Tuberculosis 106
2. Number of premises fumigated, including fumigations of premises carried out after deaths from Cancer and Tuberculosis ... .. 94

**THE MILK AND DAIRIES ORDER, 1926.****And THE MILK (SPECIAL DESIGNATIONS) ORDER, 1936.**

Licences granted under the Special Designation Order, 1936:—

**1. Tuberculin Tested Milk Licences:—**

(a) Tuberculin Tested (Certified) (Producers and Retailers)	...	...	...	Nil
(b) Tuberculin Tested (Producers)	...	...	...	4
(c) Tuberculin Tested (Bottling Licences)	...	...	...	1
(d) Supplementary	...	...	...	1
				—
				6
				—

**2. Accredited Milk Licences:—**

Number of licences granted	...	...	...	...	6
----------------------------	-----	-----	-----	-----	---

**3. Non-Graded Milk:—**

Number of Producers on register, including three registered during the year, less two who have discontinued producing milk	149
Number of Retailers on register, including two registered during the year, less one who has given up selling milk	90
Number of inspections made of Cowsheds, Dairies and Milkshops	253

During the year, four Cowshed floors were taken up and re-constructed in cement concrete, with draining channels provided to discharge into suitable catchpits or cesspools; the feeding troughs were also renewed in cement. In one case a sterilising plant was provided, and bottling and cooling sheds erected in two cases.

Other improvements carried out include yards paved in front of sheds, giving a clean approach to them; improved drainage to Cowsheds, and improved ventilation and lighting.

Samples of both graded and non-graded milks taken during the year, with very few exceptions, proved to be satisfactory.

### SLAUGHTER-HOUSES.

1.	Number of licensed Slaughter-houses	...	...	...	4
2	Number of inspections made, chiefly when slaughtering was taking place	...	...	...	127
3.	Number of inspections of butchers' shops and of vans delivering meat in the district	...	...	...	97

### SLAUGHTER OF ANIMALS ACT, 1933.

1	Number of licences granted to persons to act as slaughtermen under Section 3	...	...	...	Nil
2.	Number of licences renewed	...	...	...	11

### MEAT INSPECTION.

As a result of inspections of the carcasses and organs of animals slaughtered for human consumption, the following were found to be unfit for the food of man and were voluntarily surrendered:—

#### (a) Affected with Tuberculosis:

The whole carcasses and organs of two cows—Generalised Tuberculosis.

The whole carcass and organs of a heifer—Generalised Tuberculosis.

The whole carcass and organs of a bullock—Generalised Tuberculosis.

6 forequarters of beef (757lbs.)—Tubercular lesions on serous membranes.

15 pairs bovine lungs.

3 bovine livers.

12 bovine heads.

10 pigs' heads.

#### (b) Other Diseases:

16 bovine livers—Distomatosis.

3 bovine livers—Cysts.

3 pigs' livers—Decomposed.

7 sheep "plucks"—Strongyli.

**OTHER FOODS.**

The following canned goods, on examination, were found to be either "blown" or "leaky," and were unfit for human consumption:—

10 tins	Tomatoes.
5 tins	Grapefruit.
4 tins	Peaches.
4 tins	Peas.
3 tins	Beerroot.
2 tins	Corned Beef.
1 tin	Fruit Salad.
2 pots	Paste.
19½lbs.	Butter.

The above were voluntarily surrendered and were destroyed, with the exception of the butter, which was returned for the Salvage Officer of the Ministry of Food.

**FOOD AND DRUGS ACT, 1938.**

Number of applications received for the registration of premises for the manufacture or sale of foodstuffs under Section 14	...	6
Number of premises complying with the requirements of Section 13 and registered	... ..	6

**FACTORIES AND WORKSHOPS.**

Number in Sub-area	... ..	38
Number of inspections made	... ..	21
Nuisances discovered	... ..	3
Abated	... ..	3

In certain cases, the attention of the occupiers was called to the want of lime-washing of their premises, with satisfactory results.

**SCHOOLS.**

Number of Schools in Sub-area	... ..	12
Number of inspections	... ..	17

Particulars with regard to sanitary accommodation, water supplies, etc., are given in the Medical Officer's Report.

## CINEMAS.

Number in Sub-area	...	...	...	3
--------------------	-----	-----	-----	---

Occasional visits were made, when it was found that the requirements of the regulations in force were being carried out.

One notice was served for the provision of a W.C., which was carried out.

## RATS AND MICE DESTRUCTION ACT, 1919.

Every possible attention was again given during the year with regard to the extermination of rats in the area.

The operations carried out at refuse tips and sewage disposal works by gassing, with the Clayton Gassing Machine, were most successful, as no rats are seen for some considerable time at these places after gassing. An experiment of gassing with Cyanogas "A" Dust was carried out at the Pyle Outfall Works, with good results.

Thirty-eight rats were shot during the year on occasional visits made to refuse tips in the area.

Much useful work in the destruction of rodents resulted from poisoned baits where there were infestations of these, chiefly at the refuse tips and farm buildings. Leaflets dealing with the rat menace and methods for destruction of these pests have been distributed in the district.

## SEWERAGE AND DRAINAGE.

A sewerage scheme to drain houses at the Graig and John Street, Cefn Cribbwr, and to serve that part of the parish of Laleston, Cefn Cross, Cwmffoes, and Fforddygyfraith was completed during the year. Notices have been served where necessary upon the owners of properties within "distance" of the sewer to connect them to it.

It is very unfortunate that further sewerage schemes most urgently required are still not to be proceeded with, particularly in the cases of Ogmore-by-Sea, Laleston, North and South Cornelly, and Ewenny.

The unsewered parts of No. 2 Area are:—

St. Brides Major Parish, which includes Ogmore-by-Sea, Southerndown, Heolymynydd and the village of St. Brides Major.

Laleston Village, in the parish of Laleston.

North Cornelly, partly in the parish of Pyle and partly in the parish of Kenfig.

South Cornelly, in the parish of Pyle.

Ewenny Village, Corntown and the Mile End Housing Estate, in Ewenny Parish.

Coychurch Village, in the parish of Coychurch Lower.

Merthymawr Village, in the parish of Merthymawr.

Tythegston, in the parish of Tythegston Lower.

Maudlam and Kenfig, in the parish of Kenfig.

Wick and Broughton, in the parish of Wick.

#### 1. Conversions:—

Ewenny: One earth closet converted into a water closet discharging into a newly constructed cesspool.

St. Brides Major: Two earth closets converted into water closets discharging into newly constructed cesspools.

Southerndown: One earth closet converted into a water closet discharging into a newly constructed cesspool.

Coychurch: One pail closet converted into a water closet discharging into a newly constructed cesspool.

Wick: One earth closet converted into a water closet discharging into a newly constructed cesspool.

Laleston: One pail closet converted into a water closet discharging into a newly constructed cesspool.

Cefn Cribbwr: Two pail closets converted to water closets discharging into the sewer.

2.	Number of premises connected to sewers during the year ...	6
3.	Number of new and old premises (having no system of drainage previously) the drains of which discharge into cesspools	13
4.	Approximate number of earth closets	195
5.	Approximate number of pail closets	734
6.	Approximate number of water closets	3064
	(a) To Sewers	2525
	(b) To Cesspools	539
7.	Approximate number of Cesspools	675
8.	Number of drains tested, including the re-testing of drains found to be defective	30

**SHOPS ACT, 1934.**

Number of shops inspected	...	...	...	15
Notices served	...	...	...	Nil
Nuisances abated	...	...	...	Nil

**WATER SUPPLIES.**

Approximate number of houses which obtain water from mains, including 23 new connections during the year, less 3 dis- connections	...	...	...	...	3365
Number of houses supplied by wells only	...	...	...	...	11
Number of houses supplied by springs only	...	...	...	...	18
Number of houses supplied by cisterns only	...	...	...	...	86
Number of houses supplied by wells and cisterns	...	...	...	...	13
Number of houses supplied by springs and cisterns	...	...	...	...	18
Number of houses supplied by springs and wells	...	...	...	...	1
Total number of houses without a proper piped water supply	...	...	...	...	147

**GOVERNMENT EVACUATION SCHEME. ...**

Much time during the year was taken up in billeting persons under the above scheme.

**Alun Williams,**

Sanitary Inspector.









